

BIBLIOGRAPHY of
SOIL SCIENCE, FERTILIZERS
and GENERAL AGRONOMY
1956-1959

Prepared by the
COMMONWEALTH BUREAU OF SOILS
HARPENDEN
ENGLAND



COMMONWEALTH AGRICULTURAL BUREAUX

IN this volume, the ninth of the series, the 1956-1959 world production of some 14,000 scientific papers on soil science, soil-plant relationships and the fertilizing of all crop plants is referenced and classified by a Decimal Classification (D.C.).

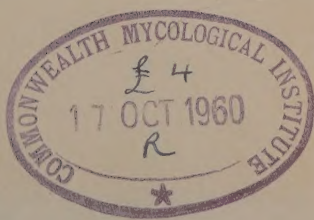
The enquirer into any particular subject can here obtain, at one opening, bibliographical details of every paper published on that subject in 1956-1959. In addition, most entries indicate where abstracts of the paper in question can be found in the abstract journal *Soils and Fertilizers*.

With the help of the detailed subject index provided, he can trace papers which, although primarily concerned with other matters, contain significant information on the subject of his interest.

Also included are a key to the D.C. numbers used, an explanation of the use of the D.C., an author index, and a list of the 1,800 periodicals in which the papers originally appeared.

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PREFACE

In this, the ninth volume of the Bibliography of Soil Science, a new decimal system of classification has been used for classifying the entries according to subject. The formerly used Universal Decimal Classification (UDC) had the disadvantages that the numbers were unnecessarily long, and that the classification was devised before soil science existed. We have been concerned to eliminate these disadvantages while at the same time preserving the many valuable features and maintaining the general structure of the UDC in the new system.

The Decimal Classification

Our object has been to construct not a strictly logical or scientific classification, but one which will primarily serve the purpose of the Bureau—to be able to pin-point as quickly as possible the literature of any subject connected with the soil. We have relied largely on the experience gained in the last 30 years of what questions are likely to be asked of a card index of soil literature that now contains nearly 400,000 cards.

As with the UDC, the whole field of knowledge is divided into nine main classes numbered 1 to 9, but the Bureau is mainly concerned with, and the Bibliography is mainly confined to, classes 1 to 5 which are:—

- | | | |
|---|--|----------------------------|
| 1 | Soil | (631.4) |
| 2 | Crop production, including cultivation, fertilizers, plant protection, soil reclamation and conservation | (631.5, 631.8, 632, 631.6) |
| 3 | Agricultural crops | (633) |
| 4 | Tree crops, including fruit and forests | (634) |
| 5 | Horticultural crops | (635) |

The other four classes, which appear in the Bibliography only as cross-references, i.e., as second numbers following a colon, are:—

- | | | |
|---|--|-------|
| 6 | Other agricultural subjects | (63) |
| 7 | Physical geography, meteorology, geology | (55) |
| 8 | Botany | (581) |
| 9 | Miscellaneous | |

The figures in brackets indicate the corresponding classes of the UDC. Wherever feasible, further sub-divisions of the Bureau's classification follow the sub-divisions of the UDC, thus:—

UDC		Bureau DC
631.44	Soil classification	14
633.11	Wheat	311
634.711	Banana	471.1
551.577	Rain	715.77
581.5	Plant ecology	85

Every subject which will not go into classes 1/8 is put into class 9 by prefixing the number 9 to the UDC number, thus:—

UDC		Bureau DC
539.17	Nuclear-fission products	953.917
902.6	Archaeology	990.26

Thus the Bureau's classification follows the UDC closely except for the main class numbers. The detailed sub-divisions of classes 1 (soil) and 22 (fertilizers) have, however, been completely recast to bring them into line with current knowledge of the subjects.

Arrangement of the Bibliography

Each entry in the Bibliography consists of a classification number, followed by the authors' names, the year of publication, the title of the paper (in English), and the reference to its original publication (journal, volume, pages). A capital letter in square brackets following the reference denotes the language in which the paper is written; a small letter denotes that there is a summary in another language—e.g., [G.e.] = German with English summary. English [E.] is only indicated for papers published in journals usually written in other languages. It has not been thought necessary to give a list of the letters used to indicate language, as the meaning of the letters is usually self-evident.

A reference to an abstract in *Soils and Fertilizers* is given in the Bibliography on the right of the page at the end of each entry—thus an abstract of the fourth entry in the Bibliography will be found in *Soils and Fertilizers*, Vol. XXII, abstract No. 461. Where an abstract reference is not given the paper was not noted in *Soils and Fertilizers*. The Bibliography includes all papers noted in *Soils and Fertilizers*, Vols. XX-XXII, and many others also.

The classification numbers are decimals, with the decimal point omitted at the beginning and a point inserted after three figures to

facilitate reading. The entries follow in numerical (decimal) order so that papers on a general subject are followed by those on its more specialized aspects, then within any number chronologically by year, and finally alphabetically by author under each year. Many entries have two, and some three, classification numbers separated by a colon, the additional numbers representing subsidiary subjects or aspects treated in the paper. Coloned numbers follow the main numbers in decimal order, thus:—

116.18	Phosphorus in soil
116.18 : 112.23	Sorption (112.23) of soil phosphorus
.....	
116.18 : 225	Effect of phosphate fertilizers (225) on soil phosphorus
.....	
116.22	Sulphur in soil

Compound (coloned) numbers follow the main number in numerical (decimal) order.

A stroke (/) is used when two or more consecutive numbers are dealt with at a time, to show that all intermediate numbers are included. The stroke is occasionally used to form symbolic numbers to represent ideas for which a single number is not provided, e.g., 161/8 = biological decomposition, embracing all classes of organisms in the biology (16) section. Entries classed 161/8 are placed between 16 (general biology) and 161 (bacteria).

Occasional use has been made of the so-called “analytical sub-divisions” indicating general notions, such as colour or radioactivity, applicable to several subjects. Analytical sub-divisions are distinguished by having the cypher 0 as the first figure, and they are affixed to, and become part of, the number denoting the main subject:

061.6 colour	13.061.6 soil colour—i.e., colour as a physical property (13) of soil
--------------	---

A complete list of all the numbers used is given on pp xii-xxv, but the main key to the Bibliography is the alphabetical subject index at the end of the book.

The Index to the Bibliography

Entries in the Index indicate where all the papers dealing with any particular subject are to be found. Thus “Reaction, soil—115” denotes that all papers of which soil reaction is the principal theme occur in the Bibliography under that number. These papers are

classified either merely as 115, or as 115 followed by a colon and another number, e.g., 115 : 22 —the effect of fertilizers (22) on soil reaction. There are, however, scattered through different parts of the Bibliography, numerous papers in which the soil-reaction number comes second (after a colon). Thus, “the effect of soil reaction on tobacco” 371 : 115 is listed in the 371 section of the Bibliography (p 446), but the existence of papers on this and related subjects, and the fact that they have a bearing on soil reaction are noted in the index as follows:—

Reaction, soil	115
.....	
effect on tobacco	371 :
.....	
manganese deficiency and	241.21.71 :

the indented entries indicating that papers on soil reaction in relation to tobacco and manganese deficiency are listed under 371 : 115 and 241.21.71 : 115, respectively. The indented and main entries together comprise a complete index to every paper containing 115 anywhere in its classification number.

Numbers outside the sections 1/5 never occur first in the classification symbols, but only after a colon, e.g.,

Fission products	953.917
azotobacter as affected by	161.511 :

will be found under 161.511 : 953.917. When three numbers are used in classifying a paper, the first two are treated as one for purposes of cross-indexing, e.g.,

Reaction, soil	115
<i>Phytophthora</i> in tobacco and	371 : 244 :

refers to a paper classified under 371 : 244 : 115, the principle being to cross-index every number which occurs second or third to the number or numbers preceding it in the classification symbol. The same paper is also indexed under

Fungal diseases	244
of tobacco	371 :

Papers with an essentially local interest, e.g., soil surveys, are listed separately, after section 5 (p 503). Here the numbers in brackets refer to the locality, and the following number(s) to the

subject of the paper. The locality numbers are those used in the UDC. Papers in this part of the Bibliography are shown in the Index as follows:—

Alluvial soils	143.1
.....	
in Fiji (961), Holland (492), Hungary (439).....	

indicating that other references will be found under (961)143.1—
“alluvial soils in Fiji”—etc. All papers relating specifically to
Fiji are also indexed under the general heading

Fiji	(961).
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INDEX TO CLASSIFICATION NUMBERS

ANALYTICAL NUMBERS

001	Nomenclature	061.6	Colour
05	Radioactivity	08	Chelation

1 SOIL. PEDOLOGY

112	Physical chemistry of soil	.34/6	Alkali metals, rare (Li, Rb, Cs)
112.05	Radioactivity in soils	.36	Caesium
.2	Colloid chemistry	.41	Calcium
.21	Flocculation	.41.226	Gypsum
.22	Dispersion	.42	Strontium
.23	Sorption. Ion exchange capacity	.46	Magnesium
.23.05	Isotopic exchange	.47	Zinc
.232	Colloid complex	.56	Copper
.233	Exchangeable anions	.6/7	Sesquioxides
.233.27	Boron	.62	Aluminium
.234	Exchangeable cations	.71	Manganese
.234.32	Potassium	.72	Iron
.234.33	Sodium	.73	Cobalt
.234.41	Calcium	.74	Nickel
.234.56	Copper	.76	Chromium
.234.62	Aluminium	.77	Molybdenum
.24	Surface. Surface properties	.791	Uranium
.25	Orientation of particles	.821	Titanium
.3	Oxidation - reduction potential	.9	Trace elements
.4	Catalysis	117	Organic matter. Organic chemistry of soil
.5	Osmotic pressure	.08	Chelation in soil
.6	Corrosion in soil	.1	Humic acid
115	Soil reaction. pH	.454	Carbohydrates
.2	Buffering	.457.1	Amino sugars
.8	pH range of crops	.458	Polysaccharides
116	Composition of soil	.466	Amino acids
.113	Salts	.483	Uronic acids
.13	Chlorine	.56	Phenol substances
.14	Bromine	.562.1	Polyphenols
.15	Iodine	.593	Inositol
.16	Fluorine	.91	Wax
.17	Nitrogen	.918	Phloridzin
.171	Ammonia	.96	Protein
.172	Nitrate	.963.3	Nucleic acids
.173	Nitrite	118	Soil solution
.18	Phosphorus	119	Clay minerals
.22	Sulphur	.521	Gibbsite
.226	Sulphuric acid	.62	Glauconite
.23	Selenium	.623.5	Mica
.27	Boron	.623.54	Biotite
.28	Silicon	.623.7	Chlorite
.284	Opal	.623.9	Kaolinite. Allophane
.32	Potassium	.623.93	Montmorillonite
.33	Sodium	.623.94	Illite
		.651	Feldspar

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.67	Zeolites in soil. Bentonite	123.28	Determination of silicon
.742.11	Calcite	123.289	Determination of germanium
12	Technique and analysis	123.32	Determination of potassium
.005	Sampling. Augers	123.33	Determination of sodium
.006	Monolith preservation	123.41	Determination of calcium
.02	Storage of soil	123.41.226	Determination of gypsum
121	Field and pot experiments, design, etc.	123.42	Determination of strontium
.1	Field experiments	123.431	Determination of barium
.11	Edge effects	123.46	Determination of magnesium
.2	Pot experiments	123.47	Determination of zinc
.3	Lysimetry	123.56	Determination of copper
122	Qualitative analysis of soil. Rapid chemical methods	123.6/7	Determination of sesquioxides
123	Quantitative analysis of soil	123.62	Determination of aluminium
123 : 954.46	Spectrographic analysis	123.71	Determination of manganese
.111	Determination of soil reaction	123.72	Determination of iron
.111.1	Determination of lime requirement	123.73	Determination of cobalt
.112	Analysis of soil air. Gas analysis	123.74	Determination of nickel
.113	Determination of salts and carbonates	123.76	Determination of chromium
.114	Determination of exchangeable ions	123.77	Determination of molybdenum
.32	Potassium	123.841	Determination of thorium
.42	Strontium	123.881	Determination of vanadium
.62	Aluminium	123.9	Determination of trace elements (general)
.115	Determination of radio-isotopes	124	Analysis of soil, organic
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.13	Determination of chlorine	.1	Determination of humic acid
123.16	Determination of fluorine	.466	Determination of amino acids
123.17	Determination of nitrogen	.483	Determination of uronic acids
123.171	Determination of ammonia	125	Physical analysis of soil
123.172	Determination of nitrate	.061.6	Determination of colour of soil
123.173	Determination of nitrite	.21	Measurement of groundwater
123.18	Determination of phosphorus	.22	Determination of soil moisture
123.22	Determination of sulphur		
123.226	Determination of sulphuric acid		
123.23	Determination of selenium		
123.27	Determination of boron		

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.221	Determination of evaporation	.28	Determination of macro- and meso-fauna
.224	Determination of hygroscopicity	.285.2	Determination of arthropods
.225	Determination of suction in soil	.285.7	Determination of insects
.226	Determination of wilting point	127.3	Determination of plant nutrients by plants. Foliar diagnosis
.23	Determination of permeability	.317	Nitrogen
.231	Determination of capillarity	.318	Phosphorus
.232	Determination of leaching	.327	Boron
.4	Determination of soil structure	.332	Potassium
.41	Determination of porosity	.347	Zinc
.5	Mechanical analysis	.356	Copper
.6	Determination of soil temperature	.371	Manganese
.61	Determination of thermal conductivity	127.4	Determination of plant nutrients by micro-organisms
.64	Determination of heat of wetting	.417	Nitrogen
.66	Determination of effect of frost on soil	.446	Magnesium
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.84	Determination of consistence	.456	Copper
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.215.2	Determination of nodule bacteria	.21	Amendments, mineral
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.23	Determination of microbial antagonism and antibiotics	.3	Potassium fertilizers
.25	Determination of enzymes in soil	.41	Ammonium fertilizers
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		13	Physical properties of soil
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135	Mechanical composition of soil. Texture	.41	Swamp soils
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.3	Silt fraction	.43	Meadow soils. Humic-gley soils
.4	Clay fraction	.44	Polder soils
136	Soil temperature	.5	Skeletal soils
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151	Productivity indices, ratings	.922.2	Thermophilic bacteria
152	Yields	.922.3	<i>Corynebacterium</i>
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223	Potassium fertilizers	227	Vegetable manures. Composts
223.1	Ashes as fertilizer	.2	Straw
.2	Potassium chloride	.3	Seaweed
.6	Rocks as potash ferti-lizers	.4	Green manure
224	Nitrogen fertilizers	.5	Sawdust
224.1	Ammonium fertilizers	.6	Industrial residues as fertilizers
.11	Ammonium sulphate	227.6 : 351	Cottonseed cake
.12	Ammonium chloride	227.6 : 352	Flax wastes
.13	Ammonia liquor. Gas liquor	227.6 : 361	Filter-press cake
.14	Ammonium carbonate	227.6 : 363	Sugar-factory lime
.15	Cyanamide	227.6 : 385.252	Groundnut cake
.16	Dicyanodiamide	227.6 : 385.355	
.17	Urea	227.6 : 48	Castor-seed meal
.18	Anhydrous ammonia	227.6 : 498.5	Distillery waste
224.2	Nitrate fertilizers	227.6 : 58	Bark residues
.23	Sodium nitrate		Mushroom compost
.24	Ammonium nitrate	227.7	Waste liquors
.25	Calcium ammonium nitrate. Nitrochalk	.81	Peat
.26	Calcium nitrate	.82	Coal and lignite
.3	Organic nitrogen ferti-lizers	.83	Oil products, bitumen and gumbrin
.32	Casein as fertilizer	.84	Humate fertilizers
.34	Lactelit	.91	Town refuse
.35	Oxamide as fertilizer	.92	Sewage
225	Phosphate fertilizers	228.1	Organic soil condi-tioners
.1	Rock phosphate. Phos-phorite	228.2	Inorganic soil condi-tioners. Flotal
.2	Bone meal	229	Mixed and compound fertilizers
.3	Basic slag	.12	Nitrophosphate
.4	Guano		
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233	Glasshouse culture	238	Shading

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241.11	Frost injury	.71	Manganese toxicity in plants
.12	Drought injury and resistance	.72	Iron toxicity in plants
.15	Wind injury	.76	Chromium toxicity in plants
.21	Deficiency diseases. Chlorosis	241.23	Flood injury
.13	Chlorine deficiency in plants	.4	Smoke injury
.15	Iodine deficiency in plants	.45	Fertilizer injury
.17	Nitrogen deficiency in plants	.74	Lodging
.18	Phosphorus deficiency in plants	242.6	Witches' broom
.21	Oxygen deficiency in plants	243	Bacterial diseases
.22	Sulphur deficiency in plants	244	Fungal diseases
.27	Boron deficiency in plants	245.1	Weeds
.32	Potassium deficiency in plants	.36	Bracken (<i>Pteridium aquilinum</i>)
.46	Magnesium deficiency in plants	.542.1	Wild oat (<i>Avena fatua</i>)
.47	Zinc deficiency in plants	.542.2	Nut grass (<i>Cyperus rotundus</i>)
.56	Copper deficiency in plants	.554.21	<i>Echinochloa</i>
.71	Manganese deficiency in plants	.567	Water hyacinth
.72	Iron deficiency in plants	.571	Rushes
.73	Cobalt deficiency in plants	.751.1	Bulbous oxalis (<i>Oxalis floribunda</i>)
.77	Molybdenum deficiency in plants	.757	Leafy Spurge (<i>Euphorbia esula</i>)
.9	Trace-element deficiencies in plants	.912.4	Heather
241.22	Toxicity in plants	.942	Bindweed (<i>Convolvulus arvensis</i>)
.13	Chlorine toxicity in plants	.951.6	Witchweed (<i>Striga</i>)
.27	Boron toxicity in plants	.952.6	Broomrape (<i>Orobanche</i>)
.56	Copper toxicity in plants	.998	Skeleton weed (<i>Chondrilla juncea</i>)
		246.51	Nematode diseases
		247	Insect pests
		.32	Termites as pests
		.65	Wireworm
		248	Virus diseases
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		.51	Insecticides
		.52	Fungicides, Fumigants
		.54	Weedkillers (General)
		.541	Weedkillers, inorganic
		.542	Weedkillers, organic
		.55	Nematocides

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261	Soil conservation.	264	Reclamation of peats and bogs
.1	Erosion control	266	Saline and alkali soils, reclamation of
.2	Reclamation of deserts and dunes, wind- erosion control	267	Irrigation (General)
.3	Gully control	.1	Flood irrigation
262	Contour cultivation.	.3	Overhead irrigation
	Terracing	.4	Underground irrigation
263	Reclamation of indus- trial land. Spoil banks	.8	Irrigation water
	Reclamation of grass- land	268	Drainage
		.2	Tile drainage
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282	Rotations	286	Dry Farming
.1	Ley farming	287	Grazing
283	Monoculture. Con- tinuous cropping	289.1	Shifting Cultivation
284	Catch crops. Cover crops. Mixed crops	.2	Burning of vegetation

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31	Cereals	.3	<i>Paniceae</i> (<i>Brachiaria</i> <i>brizantha</i> , Brazilian pasture grass, Guinea grass, Imperial grass, Kikuyu grass, Napier grass, St. Augustine grass)
311	Wheat	.5	Ring grass (<i>Mühlen- bergia torreyi</i>)
312	Buckwheat	.8	Lovegrass (<i>Eragrostis</i>)
313	Oats	.9	Crested wheatgrass
314	Rye	33	Legumes
315	Maize	331	Lucerne
316	Barley	332	Clover
317	Sorghums. Millet	332.6	Subterranean clover (<i>Trifolium subter- raneum</i>)
318	Rice	.9	Berseem (<i>Trifolium</i> <i>Alexandrinum</i>)
319	Bajri (<i>Pennisetum</i> <i>typhoideum</i>)	333	Cowpea
32	Grasses	334	Soybean
320	Grassland	335	Vetch (<i>Vicia</i>)
.4	Turf	336.1	Sainfoin
321	Bluegrass (<i>Poa prat- ensis</i>)	.4	Lespedeza
322	Cocksfoot (<i>Dactylis</i>)	.5	<i>Desmodium</i>
324	Timothy (<i>Phleum prat- ense</i>)	.6	Sweetclover (<i>Melilotus</i>)
326.1	Bermuda Grass (<i>Cynodon dactylon</i>)	.7	Lupin
.3	Ryegrass	337	Pigeon pea (<i>Cajanus</i> <i>cajan</i>)
.4	Fescue		
.6	<i>Paspalum</i>		
328	Wild rye (<i>Elymus</i> <i>juncus</i>)		
328.1	Zoysia grass (<i>Meyer</i> <i>zoysia</i>)		
.2	Sudan grass		

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.2	Broom
.4	Lotus
.8	Chickpea (<i>Cicer arietinum</i>)
.9	<i>Phaseolus lathyroides</i>
339	Guar (<i>Cyamopsis psoralioides</i>)
.1	<i>Atriplex</i>
.4	Comfrey (<i>Symphytum peregrinum</i>)
.5	<i>Stylosanthes</i>
34	Root Crops
341	Beetroot
342	Rape. Turnip
.6	Rutabagas
349.1	Potato
.2	Sweet potato
.4	Jerusalem artichoke (<i>Helianthus tuberosus</i>)
35	Fibre crops
351	Cotton
352	Flax
.2	Hemp. Jute
.41	Sunn hemp (<i>Crotolaria</i>)
.43	Kenaf (<i>Hibiscus cannabinus</i>)
.51	Ramie
.622	Henequen (<i>Agave fourcroydes</i>)
.623	Sisal
358	Mat Rushes
.43	Willow
.45	Bamboo
36	Sugar and starch plants
361	Sugar cane
362	Jowar (<i>Sorghum vulgare</i>)
363	Sugar beet
368.2	Manioc
.5	Yam
.9	Dasheen (<i>Colocasia esculenta</i>)

37	Stimulants
371	Tobacco
372	Tea
373	Coffee
374	Cacao
379	Hops
38	Aromatic, medicinal and oil plants
381.242	Citronella
.588.92	Ginseng (wild) (<i>Panax ginseng</i>)
382.1	Vanilla
.2	Peppermint (<i>Mentha piperita</i>)
.5	Ginger
383.2	Clove
384.1	Pepper (<i>Piper</i>)
.2	Paprika
.4	Mustard
385.226.1	<i>Camellia japonica</i>
.252	Groundnut (<i>Arachis</i>)
.355	Castor-oil plant (<i>Ricinus</i>)
.374	Sesame
.456	Tung (<i>Aleurites</i>)
.478	Sunflower
.479.7	Safflower
.534	Oil palm
.9	Chufa (<i>Cyperus esculentus</i>)
386.12	Saffron
387.9	Wattle
388.115	<i>Digitalis</i>
.17	<i>Rauwolfia</i>
.331	<i>Artemisia</i>
.385	Areca nut
.51	Cinchona
.7	<i>Arnica</i>
.779.1	Pyrethrum
.782.71	Valerian
.843	<i>Hyoscyamus</i>
391.2	Rubber
397.375.21	<i>Ailanthus</i>

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413	Pear
414	Quince
42	Stone fruits
421	Apricot
422	Plum, prune
423	Cherry
425	Peach
43	Citrus
431	Orange
432.3	Grapefruit

433.4	Lemon
.7	Lime fruit
437	Fig
438	Mulberry
444.1	Mango
45	Nuts
451	Walnut
452.1	Pecan
455	Almond
457.1	Rambutan (<i>Nephelium lappaceum</i>)
.4	Pistachio nut

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461	Coconut	473	Blueberry	
463	Olive	475	Strawberry	
465.1	Papaya	477.1	Banana	
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471.1	Raspberry		vines	

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495	Silviculture	.362.1	<i>Casuarina</i>	
.64	Forest nurseries	.366.2	Alder	
.7	Afforestation	.371.36	<i>Robinia</i> . Black locust	
.8	Deforestation	.373.6	Shisham	(<i>Dalbergia</i>
497.2/3	Deciduous Trees.		<i>Sissoo</i>)	
	Hardwoods	.383.1	Tamarix	
.21	Oak	.386.6	<i>Hippophaë</i>	
.23	Poplar	.388.3	Eucalyptus	
.24	Chestnut	.394.9	Teak	
.25	Beech	497.5	Conifers	
.26	Birch	498.9	Forest litter	

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525	Onion	554	Chicory	
526.2	Garlic	556.1	Watercress	
.3	Shallot	561	Melon	
531	Asparagus	562	Squash	
532	Artichoke	563	Cucumber	
534	Cabbage	564	Tomato	
.7	Kale	.6	Egg Plant	
535	Cauliflower	.8	Okra	
536	Brussels sprouts	565	Beans	
541	Spinach	.6	Pea	
548	Rhubarb	58	Mushroom	
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.572.4	Narcissus	.951.6	Antirrhinum	
.579	Gладиолус	.988	Chrysanthemum	
.683.2	Garden stock	.998.2	<i>Tagetes</i>	
.734	Rose	594.669	Carnation	
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.81	Ponds	.84	Microclimate	
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813.2	Photosynthesis	.4	Enzymes
.21	Chlorophyll	.5	Vitamins
814	Plant growth	823.94	Ferns
.2	Germination	827.63	<i>Coriaria</i>
.326	Photoperiodism	828.66	<i>Shepherdia</i>
.33	Plant-growth promoters	843	Roots
.34	Plant-growth inhibitors	.1	Root exudates, excretions
819	Composition of plants. Quality of crops	845	Leaves
.1	Mineral composition of plants	.1	Leaf exudates, excretions
.142	Strontium	846	Flowering
.147	Zinc	848	Seeds
.156	Copper	85	Ecology. Vegetation
.172	Iron	852	Ecotype
.173	Cobalt	.2	Indicator plants
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952.56	Tides	.756.53	Phloroglucinol
		.796.32	Phospholipids
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953.432.19	High-frequency vibrations	957.78	Sex
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.561	Ultraviolet light	961.6	Human health and diseases
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.753.3	Electron microscopy	.644	Goitre
953.912	Neutrons	961.9	Animal health and diseases
.916	Radioactivity (General)	962.78	Dams
.917	Fission products	.813	Reservoirs
954.616	Fluorine	966.118.32	Charcoal
.621.5	Hydrogen peroxide	977.85	Motion pictures
.622.11	Hydrogen sulphide	.86	Colour photography
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(417)	Republic of Ireland	(474.5)	Lithuania
(42)	England and Wales	(476)	Russia, Western
(43)	Germany	(477)	Ukraine
(436)	Austria	(477.9)	Crimea
(437)	Czechoslovakia	(478)	Russia, Eastern
(438)	Poland	(479)	Caucasus
(439)	Hungary	(481)	Norway
(44)	France	(485)	Sweden
(45)	Italy	(489)	Denmark
(458)	Sicily	(491)	Iceland
(459.1)	Sardinia	(492)	Holland
(46)	Spain	(493)	Belgium
(467.5)	Balearic Islands	(494)	Switzerland
(469)	Portugal	(496)	Turkey (in Europe)
(47)	Russia in Europe	(497.1)	Yugoslavia
(471)	Finland	(497.2)	Bulgaria
(472)	Russia, Northern	(498)	Rumania
(473)	Russia, Central		

(5) ASIA

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(515)	Tibet	(569.1)	Lebanon
(519)	Korea	(569.4)	Israel
(52)	Japan	(569.5)	Jordan
(529.1)	Taiwan	(57)	Siberia
(534.5)	Aden	(571)	Siberia, Western
(54)	India	(572)	Siberia, Central
(542.5)	Nepal	(573)	Siberia, Eastern
(545)	Pakistan	(581)	Afghanistan
(548.7)	Ceylon	(584)	Kazakh
(55)	Iran	(593)	Vietnam
(56)	Turkey (in Asia)	(595)	Malaya

(6) AFRICA

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(624)	Sudan Republic		Africa
(63)	Ethiopia (Abyssinia)	(673)	Angola
(64)	Morocco	(675)	Congo
(65)	Algeria	(676.1)	Uganda
(661)	French West Africa	(676.2/9)	Kenya
(663)	Senegal	(677)	Somaliland
(665.2)	French Guinea	(678)	Tanganyika
(667)	Ghana	(68.01)	Union of South Africa
(668.1)	Togo	(689.1)	Southern Rhodesia
(668.2)	Dahomey	(689.4)	Northern Rhodesia
(669)	Nigeria	(689.7)	Nyasaland
(669.9)	S. Tomé Island	(691)	Madagascar
(671)	Cameroons	(698.2)	Mauritius
(671.8)	Spanish Guinea		

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(7) NORTH AND CENTRAL AMERICA

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(711)	British Columbia	(764)	Texas
(712.3)	Alberta	(766)	Oklahoma
(712.7)	Manitoba	(767)	Arkansas
(713)	Ontario	(768)	Tennessee
(714)	Quebec	(771)	Ohio
(72)	Mexico	(772)	Indiana
(728.4)	Salvador	(774)	Michigan
(729.1)	Cuba	(775)	Wisconsin
(729.2)	Jamaica	(776)	Minnesota
(729.5)	Puerto Rico	(777)	Iowa
(729.7)	Leeward Islands	(778)	Missouri
(729.8)	Windward Islands	(781)	Kansas
(73)	United States	(782)	Nebraska
(741)	Maine	(783)	South Dakota
(746)	Connecticut	(787)	Wyoming
(747)	New York	(789)	New Mexico
(748)	Pennsylvania	(792)	Utah
(756)	North Carolina	(794)	California
(758)	Georgia	(795)	Oregon
(759)	Florida	(797)	Washington
(761)	Alabama		

(8) SOUTH AMERICA

(81)	Brazil	(86)	Colombia
(82)	Argentina	(881)	British Guiana
(83)	Chile	(883)	Dutch Guiana

(9) OCEANIA

(911)	Borneo	(945)	Victoria
(914)	Philippine Islands	(946)	Tasmania
(92)	Indonesia	(948.1)	Northern Australia
(931)	New Zealand	(954)	Papua
(939)	Macquarie Island	(961)	Fiji
(94)	Australia	(966)	Palau Islands
(941)	Western Australia	(967)	Mariana Islands
(942)	South Australia	(968.1)	Marshall Islands
(943)	Queensland	(969)	Hawaiian Islands
(944)	New South Wales		

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LIST OF ABBREVIATIONS OF JOURNALS AND PERIODICALS

[The abbreviation is followed by the full title of the journal and place of publication (where known)]

- AOF Bur. Sols Brazzaville.** A.O.F. Haut Commissariat Général de la République au A.E.F. Bureau des Sols. Brazzaville.
- A.R.C. Mem. Soil Surv.** Agricultural Research Council. Memorandum Soil Survey. London.
- ASTM** (*see*): **Amer. Soc. test. Mat.**
- Abh. hess. Landesamt. Bodenforsch.** Abhandlungen des Hessischen Landesamtes für Bodenforschung. Wiesbaden.
- Abh. sächs. Ges. (Akad.) Wiss.** Abhandlungen der Kgl. Sächsischen Gesellschaft (Akademie) der Wissenschaften. Leipzig.
- Acad. Rep. pop. Rom. Baza cerc., știint. Timișoara, Stud. cerc. știint. Ser. știint. chim.** Academia Republicii Populare Romîne Baza de Cercetări Științifice Timișoara, Studii și Cercetări Științifice. Seria Științe Chimice. Timișoara, România.
- Acad. Rep. pop. Rom. Bul., știint. Sect. Biol.** Academia Republicii Populare Romîne. Buletin Științific Secția de Biologie și Științe Agricole: București.
- Acad. Rep. pop. Rom. Fil. Cluj Stud. cerc. Agron.** Academia Republicii Populare Romîne, Filiala Cluj. Studii și Cercetări de Agronomie. București.
- Acad. Rep. pop. Rom. Fil. Iași, Stud. cerc. știint. Chim.** Academia Republicii Populare Romîne, Filiala Iași. Studii și Cercetări Științifice de Chimie. București.
- Acad. Rep. pop. Rom. Probl. Pedol.** Problem di Pedologie. Academia Republicii Populare Romîne. București.
- Accad. ital. Sci. forest. Ann.** Accademia Italiana di Scienze Forestali Annali. Firenze.
- Acta agral. fenn.** (*see*): **Suom. Maataloust. Seur. Julk.** Acta Agralia Fennica. Helsinki.
- Acta Agric. scand.** Acta Agriculturae Scandinavica. Stockholm.
- Acta Agric. sin.** Acta Agriculturae Sinica. Peking.
- Acta agrobot.** Acta Agrobotanica. Warszawa.
- Acta agron. Acad. Sci. hung.** (*see also*): **Acta agron. Bp.** Acta Agronomica Academiae Scientiarum Hungaricae. Budapest.
- Acta agron. Bp.** Acta Agronomica Academiae Scientiarum Hungaricae. Budapest.
- Acta agron. Palmira.** Acta Agronomica. Palmira, Colombia.
- Acta biol. Acad. Sci. hung.** (*see also*): **Acta biol. Bp.** Acta Biologica Academiae Scientiarum Hungaricae. Budapest.
- Acta biol. Bp.** Acta Biologica Academiae Scientiarum Hungaricae. Budapest.
- Acta bot. neerland.** Acta Botanica Neerlandica. Amsterdam.
- Acta bot. sin.** Acta Botanica Sinica. Peking.
- Acta chem. fenn.** Acta Chemica Fennica. Helsinki.
- Acta chem. scand.** Acta Chemica Scandinavia. København.
- Acta cient. Venezolana.** Acta Científica Venezolana. Caracas.
- Acta ent. sin.** Acta Entomologica Sinica. Peking.
- Acta geol. Acad. Sci. hung.** (*see also*): **Acta geol. Bp.** Acta Geologica Academiae Scientiarum Hungaricae. Budapest.
- Acta geol. Bp.** Acta Geologica Academiae Scientiarum Hungaricae. Budapest.
- Acta geol. sin.** Acta Geologica Sinica. Peking.
- Acta microbiol. polon.** Acta Microbiologica Polonica. Lublin.
- Acta pedol. sin.** Acta Pedologica Sinica. Peking.
- Acta phytopath. sin.** Acta Phytopathologica Sinica. Peking.
- Acta Soc. Bot. Polon.** Acta Societatis Botanicorum Poloniae. Warszawa.

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- Advanc. Pest Control Res.** Advances in Pest Control Research. New York-London.
- Advanc. Sci.** Advancement of Science. London.
- Afr. J. Sci.** African Journal of Science.
- Afr. Soils.** African Soils (Sols Africains). Paris.
- Agra Univ. J. Res. (Sci.).** Agra University Journal of Research: Science. Agra.
- Agrártud. Egyet. agron. Kar Kiadv.** Agrártudományi Egyetem Agronómiai Kar Kiadványai. Budapest.
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- Agrártudomány.** Budapest.
- Agric. Chemic.** Agricultural Chemicals. Baltimore.
- Agric. Engng Mich.** Agricultural Engineering. St. Joseph, Mich.
- Agric. Gaz. N.S.W.** Agricultural Gazette of New South Wales. Sydney.
- Agric. hort. Engng Abstr.** Agricultural and Horticultural Engineering Abstracts. Silsoe, Beds.
- Agric. & Hort. Tokyo.** Agriculture and Horticulture. Tokyo.
- Agric. Inst. Rev.** Agricultural Institute Review. Ottawa.
- Agric. J. Fiji.** Agricultural Journal. Department of Agriculture, Fiji. Suva.
- Agric. Pakist.** Agriculture Pakistan. Karachi.
- Agric. Progr.** Agricultural Progress. London.
- Agric. Res. Taiwan.** Agricultural Research. Taiwan Agricultural Research Institute. Taipei.
- Agric. Rev.** Agricultural Review. London.
- Agricoltura ital.** Agricoltura Italiana. Pisa.
- Agricoltura Venezia.** Agricoltura delle Venezia. Venezia.
- Agricoltura Louvain.** Agricoltura. Louvain.
- Agricultura téc. México.** Agricultura Técnica en México. México D.F.
- Agricultura téc. Santiago.** Agricultura Técnica. Santiago de Chile.
- Agricultura trop.** Agricultura Tropical. Bogotá.
- Agriculture Lond.** Agriculture. Journal of the Ministry of Agriculture. London.
- Agrobiologiya.** Moskva.
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- Agrogeol. Julk.** Agrogeologia. Julkaisuja. Helsinki.
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- Agron. J.** Agronomy Journal. Washington.
- Agron. lusit.** Agronomia Lusitana. Sacavém, Portugal.
- Agron. trop. Maracay.** Agronomía Tropical. Maracay, Venezuela.
- Agron. trop. Nogent. (now): Agron. trop. Paris.** Agronomie Tropicale. Nogent-sur-Marne.
- Agron. trop. Paris. (formerly) Agron. trop. Nogent.** Agronomie Tropicale. Paris.
- Agronomía Perú.** Lima.
- Agros.** Lisboa.
- Akureyri Univ. Res. Inst. Dep. Agric. Rep.** University Research Institute, Department of Agriculture. Report. Akureyri, Iceland.
- Ala agric. Exp. Sta., Bull., Circ., Leaf.** Alabama Agricultural Experiment Station. Bulletin. Circular. Leaflet. Auburn.
- Ala agric. Exp. Sta. polyt. Inst., Bull., Progr. Rep.** Agricultural Experiment Station of the Alabama Polytechnic Institute. Bulletin. Progress Report. Auburn.
- Alaska For. Res. Cent. Sta. Pap.** Alaska Forest Research Center Station. Paper. Juneau.
- Alberta Dep. Agric. Publ.** Alberta Department of Agriculture. Publication. Edmonton.
- Alberta Soil Surv. Rep.** Report. Alberta Soil Survey. University of Alberta. Edmonton.
- Albrecht-Thaer-Arch.** Albrecht-Thaer-Archiv, Berlin.
- Allahabad Fmr.** Allahabad Farmer. Allahabad.
- Allg. Forst- u. Jagdztg.** Allgemeine Forst- und Jagdzeitung. Frankfurt a.M.
- Allg. Forstz.** Allgemeine Forstzeitschrift. München.
- Allionia.** Bollettino dell'Istituto ed Orto Botanico dell'Università di Torino. Torino.

- Alloy Metals Rev.** Alloy Metals Review. Widnes, Lancs.
- Amer. geophys. Un. 40th ann. Meet. Wash.** American Geophysical Union 40th Annual Meeting. Washington.
- Amer. J. Bot.** American Journal of Botany. Lancaster, Pa.
- Amer. J. Sci.** American Journal of Science. New Haven.
- Amer. Midl. Nat.** American Midland Naturalist. Notre Dame, Indiana.
- Amer. Min.** American Mineralogist. Ann Arbor, Mich.
- Amer. Potato J.** American Potato Journal. Washington.
- Amer. Scient.** American Scientist. New Haven, Conn.
- Amer. Soc. test. Nat. Proc. (ASTM).** American Society for Testing Materials. Proceedings. Philadelphia.
- An. Ass. brasil. Quím.** Anais da Associação Brasileira de Química. São Paulo.
- An. Edafol. Fisiol. veg.** Anales de Edafologia y Fisiologia Vegetal. Madrid.
- An. Estac. exp. Aula Dei.** Anales de la Estación Experimental de Aula Dei. Zaragoza, Spain.
- An. Inst. Cerc. agron. Român.** Analele Institutului de Cercetări Agronomice al României. București.
- An. Soc. Fis. Quím.** Anales de la Sociedad Española de Física y Química. Madrid.
- An. Științ. Univ. Iasi.** Analele Științifice ale Universității "Al. I. Cuza". Iasi, Rumania.
- An. Univ. C.I. Parhon București Ser. știint. nat.** Analele Universității "C.I. Parhon" Seria Științelor Naturii. București.
- Analyst Lond.** Analyst. London.
- Analyst's Grav.** Analyst. 's Gravenhage.
- Analyt. Abstr.** Analytical Abstracts. Cambridge.
- Analyt. Chem.** Analytical Chemistry. Easton, Pa.
- Analyt. chim. Acta.** Analytical Chimica Acta. New York-Amsterdam.
- Andhra agric. J.** Andhra Agricultural Journal. Bapatla, India.
- Angew. Bot.** Angewandte Botanik. Berlin.
- Angew. Met.** Angewandte Meteorologie. Berlin.
- Angew. PflSoziol.** Angewandte Pflanzensoziologie. Wien.
- Ann. Acad. Hort. Bp.** Annales Academiæ Hort- et Viticulturæ. Budapest.
- Ann. Accad. ital. Sci. for.** Annali. Accademia Italiana di Scienze Forestali. Firenze.
- Ann. agric. Sci. Cairo.** Annals of Agricultural Science. Cairo.
- Ann. agron. Paris.** Annales de l'Institut National de la Recherche Agronomique. Paris.
- Ann. appl. Biol.** Annals of Applied Biology. Cambridge.
- Ann. Ass. amer. Geogr.** Annals of the Association of American Geographers. Minneapolis.
- Ann. Biochem.** Annals of Biochemistry and Experimental Medicine. Calcutta.
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- Ann. Cent. Rech. agron. Bambey.** Annales du Centre de Recherches Agronomiques de Bambey au Sénégal. Nogent-sur-Marne.
- Ann. ent. fenn.** Annales Entomologici Fennici. Helsinki.
- Ann. ent. Soc. Amer.** Annals of the Entomological Society of America. Columbus.
- Ann. Épiphyt.** Annales (du Service) des Epiphyties (et de Phytogénétique). Paris.
- Ann. Esc. Agric. Queiroz.** Annaes da Escola Superior de Agricultura "Luis de Queiroz". Piracicaba, Brazil.
- Ann. Fac. Agr. Bari.** Annali della Facoltà di Agraria della Università di Bari. Bari.
- Ann. Fac. Agr. Milano.** Annali della Facoltà di Agraria, Università degli Studi. Milano.
- Ann. Fac. Agr. Pisa** Annali della Facoltà di Agraria della. Università di Pisa. Pisa.
- Ann. Fac. Agr. Portici.** Annali della Facoltà di Agraria di Portici della. Università di Napoli. Portici.
- Ann. Fac. Agr. S. Cuore.** Annali della Facoltà di Agraria. Università Cattolica S. Cuore. Milano.
- Ann. Gembl.** Annales de Gembloux. Bruxelles.
- Ann. Géogr.** Annales de Géographie. Paris.
- Ann. Inst. agric. Algér.** Annales de l'Institut Agricole et des Services de Recherches d'Expérimentation Agricole de l'Algérie. Alger.

- Ann. Inst. biol. Tihany.** Annales Instituti Biologici (Tihany) Hungaricae Academiae Scientiarum. Tihany.
- Ann. Inst. exp. Tabac Bergerac.** Annales de l'Institut Expérimental du Tabac de Bergerac. Bergerac (Dordogne), France.
- Ann. Inst. nat. agron. Paris.** (See) **Ann. Agron. Paris.**
- Ann. Inst. Pasteur.** Annales de l'Institut Pasteur. Paris.
- Ann. Inst. phytopath. Benaki.** Annales de l'Institut Phytopathologique Benaki. Kiphissia-Athènes, Greece.
- Ann. Inst. Prot. Plant. Hung.** Annales Instituti Protectionis Plantarum. Budapest.
- Ann. Ist. sper. Stud. Difesa Suolo.** Annali dell'Istituto Sperimentale per lo Studio e la Difesa del Suolo. Firenze.
- Ann. Microbiol.** Annali di Microbiologia. Milano.
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- Ann. Physiol. vég. Paris.** Annales de Physiologie Végétale. Paris.
- Ann. Physiol. vég. Univ. Brux.** Annales de Physiologie Végétale de l'Université de Bruxelles. Bruxelles.
- Ann. phytopath. Soc. Japan.** Annals of the Phytopathological Society of Japan. Tokyo.
- Ann. Rech. for. Maroc.** Annales de la Recherche Forestière au Maroc. Rabat.
- Ann. Soc. sci. Brux.** Annales de la Société Scientifique de Bruxelles. Louvain.
- Ann. Sper. agr.** Annali della Sperimentazione Agraria. Roma.
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- Annu. Fac. Agric. Skopje.** Annuaire de la Faculté d'Agriculture et de Sylviculture de l'Université de Skopje. Skopje, Yugoslavia.
- Annu. Fac. Phil. Skopje.** Annuaire de la Faculté de Philosophie de l'Université de Skopje. Skopje, Yugoslavia.
- Annu. Rev. Microbiol.** Annual Review of Microbiology. Stanford, Calif.
- Annu. Rev. Pl. Physiol.** Annual Review of Plant Physiology. Stanford University, Palo Alto, Calif.
- Antibiot. Ann.** Antibiotics Annual. New York.
- Antiquity.** Gloucester.
- Anz. Schädlingssk.** Anzeiger für Schädlingsskunde. Berlin.
- Appl. Microbiol.** Applied Microbiology. Baltimore.
- Appl. Spectroscopy.** Applied Spectroscopy. South Amboy, N.J.
- Araneta J. Agric.** Araneta Journal of Agriculture. Malabon, Rizal, Philippines.
- Arbeitsgem. Forsch. Nordrhein-Westfalen.** Arbeitsgemeinschaft für Forschung des Landes Nordrhein-Westfalen. Köln.
- Arch. Biochem. Biophys.** Archives of Biochemistry and Biophysics. New York.
- Arch. Forstw.** Archiv für Forstwesen. Berlin.
- Arch. Gartenbau.** Archiv für Gartenbau. Berlin.
- Arch. Hyg. u. Bakteriologie.** Archiv für Hygiene und Bakteriologie. München-Berlin.
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- Arch. Zootec.** Archivos de Zootecnia. Córdoba, Spain.
- Arctic.** Ottawa.
- Arh. poljopr. Nauke.** Arhiv za Poljoprivredne Nauke. Beograd.
- Arid Zone Res.** Arid Zone Research. Paris.
- Ariz. agric. Exp. Sta. tech. Bull.** Arizona Agricultural Experiment Station. Technical Bulletin. Tucson.
- Ark. agric. Exp. Sta., Bull., Rep. Ser.** Arkansas Agricultural Experiment Station. Bulletin. Report Series. Fayetteville.
- Arq. Inst. biol. São Paulo.** Arquivos do Instituto Biológico. São Paulo.
- Ass. int. Hydrol. Publ.** Association Internationale d'Hydrologie. Publication. London.
- Assam Rev. & Tea News.** Assam Review and Tea News. Assam, India.

- Atomic Energy Canada Ltd., Chalk River Project.** Atomic Energy of Canada Limited, Chalk River Project. Ontario.
- Atomic Energy Res. Establ. Publ.** Atomic Energy Research Establishment. Publication. London.
- Atompraxis.** Karlsruhe.
- Atti Cent. naz. Mecc. Agric.** Atti del Centro Nazionale Meccanico Agricolo. Torino.
- Atti Conv. Concim. azot. Ital. Merid.** Atti del Convegno sulla Concimazione Azotata nell'Italia Meridionale e nelle Isole. Bari.
- Atti Ist. bot. Univ. Pavia.** Atti dell'Istituto Botanico della Università di Pavia. Milano.
- Augsne un Raža.** Riga.
- Aus d. Walde.** Aus dem Walde. Hannover.
- Aust. atom. Energy Symp.** Australian Atomic Energy Symposium. Sydney.
- Aust. For.** Australian Forestry. Canberra.
- Aust. J. agric. Res.** Australian Journal of Agricultural Research. Melbourne.
- Aust. J. appl. Sci.** Australian Journal of Applied Science. Melbourne.
- Aust. J. biol. Sci.** Australian Journal of Biological Sciences. Melbourne.
- Aust. J. Bot.** Australian Journal of Botany. Melbourne.
- Aust. J. Phys.** Australian Journal of Physics. Melbourne.
- Aust. J. Sci.** Australian Journal of Science. Sydney.
- Aust. J. Zool.** Australian Journal of Zoology. Melbourne.
- Aust. nat. antarct. Res. Exped. Rep.** Australian National Antarctic Research Expedition. Reports. Melbourne.
- Aust. Sug. J.** Australian Sugar Journal. Brisbane.
- Australasian Irrigator.**
- Azerbaïdzhan. Neftyanoe Khoz.** Azerbaïdzhanskoe Neftyanoe Khoz-yaïstvo. Baku.
- Azúcar.** Lima, Peru.
- Bact. Proc.** Bacteriological Proceedings. Society of American Bacteriologists. Baltimore.
- Bact. Rev.** Bacteriological Reviews. Baltimore.
- Bansilal Amritlal agric. Coll. Mag.** Bansilal Amritlal Agricultural College Magazine. Arnand, India.
- Bauernbl. Schlesw. -Holst.** Bauernblatt für Schleswig-Holstein. Rendsburg, Germany.
- Bayer. landw. Jb., Sonderh.** Bayerisches Landwirtschaftliches Jahrbuch. Sonderhefte. München.
- Beirut amer. Univ. Fac. agric. Sci. Publ.** American University of Beirut, Faculty of Agricultural Sciences. Publication.
- Ber. dtsh. bot. Ges.** Bericht der Deutschen Botanischen Gesellschaft. Berlin.
- Ber. dtsh. keram. Ges.** Berichte der Deutschen Keramischen Gesellschaft. Berlin.
- Ber. dtsh. land. forstw. Forsch.** Berichte aus der Deutschen Land- und Forstwirtschaftlichen Forschung.
- Ber. Inst. Tabakforsch. Dresden.** Berichte des Instituts für Tabakforschung. Dresden.
- Ber. Landtech.** Bericht über Landtechnik. München.
- Ber. landw. UntersForschAnst. Kiel.** Bericht der Landwirtschaftlichen Untersuchungs- und Forschungsanstalt. Kiel.
- Beretn. Faellesfors. Odense.** Beretning om Faellesforsøg i Landbo- og Husmandsforeningerne. Odense.
- Beretn. Planteavl. Odense.** Beretning om Planteavlarbejdet i Landboforeningerne i Fyns Stift. Odense.
- Bergcultures.** Batavia.
- Better Crops.** Better Crops (with Plant Food). New York.
- Bibliogr. sci. Publ. S. & E. Asia.** Bibliography of Scientific Publications of South & East Asia. New Delhi.
- Biochem. J.** Biochemical Journal. Cambridge.
- Biochemika.** London.
- Biochim. biophys. Acta.** Biochimica et Biophysica Acta. New York-Amsterdam.
- Biol. Abstr.** Biological Abstracts. Philadelphia.
- Biol. Osnov̆y oroshaem. Zemled.** Biologicheskije Osnov̆y Oroshae-mogo Zemledeliya. Moskva.

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- Biol. Práce.** Biologické Práce. Bratislava.
- Biol. Rev.** Biological Reviews and Biological Proceedings of the Cambridge Philosophical Society. Cambridge.
- Biol. Zbl.** Biologisches Zentralblatt. Leipzig.
- Biological Productivity of Britain.** (Institute of Biology.) London.
- Biológico.** São Paulo.
- Biul. Inst. Ochr. Roślin.** Biuletyn Instytutu Ochrony Roślin. Poznań, Poland.
- Biul. Inst. Roślin Leczn.** Biuletyn Instytutu Roślin Leczniczych. Warszawa.
- Biul. warzyw.** Biuletyn Warzywnicy. Warszawa.
- Bodem Zomernumm.** Bodem. Zomernummer. Holland.
- Bodenkultur.** Wien.
- Bois For. Trop.** Bois et Forêts des Tropiques. Paris.
- Bol. agric. Dep. Prod. veg. Minas Gerais.** Boletim de Agricultura, Departamento de Produção Vegetal, Estado de Minas Gerais. Belo Horizonte, Brazil.
- Bol. Cent. Café Chinchiná.** Boletín Informativo. Centro Nacional de Investigaciones de Café. Chinchiná, Colombia.
- Bol. Inst. nac. Invest. agron. Madr.** Boletín del Instituto Nacional de Investigaciones Agronómicas. Madrid.
- Bol. Inst. Quím. agric.** Boletim do Instituto de Química Agrícola. Rio de Janeiro.
- Bol. Serv. nac. Pesqu. agron.** Boletim do Serviço Nacional de Pesquisas Agronomicas. Rio de Janeiro.
- Bol. Soc. Estud. Moçambique.** Boletim da Sociedade de Estudos da Colônia de Moçambique. Lourenço Marques.
- Bol. téc. Chinchiná.** Boletín Técnico. Federación Nacional de Cafeteros. Chinchiná, Colombia.
- Bol. téc. Inst. agron. Nordeste.** Boletim Técnico. Instituto Agromômico do Nordeste. Recife, Brazil.
- Bol. téc. Inst. agron. Norte.** Boletim Técnico. Instituto Agromômico do Norte. Belém, Brazil.
- Boll. Giard. bot. Palermo.** Bollettino di Studi e Informazioni. Giardino Botanico (Coloniale). Palermo.
- Boll. I.S.M.** Bollettino I.S.M.
- Boll. Staz. Pat. veg. Roma.** Bollettino della Stazione di Patologia Vegetale (di Roma). Firenze.
- Bombay geogr. Mag.** Bombay Geographical Magazine. Bombay.
- Boor en Spade.** Utrecht, Holland.
- Bosb Proefsta. T.N.O. korte Meded.** Bosbouwproefstation T.N.O. Korte Mededeling. Wageningen.
- Bosq. Maderos Chile.** Bosques y Maderos de Chile.
- Bot. Gaz.** Botanical Gazette. Chicago.
- Bot. Notiser.** Botaniska Notiser. Lund, Sweden.
- Bot. Rev.** Botanical Review. Lancaster, Pa.
- Bot. Soc. Amer.** Botanical Society of America. New York.
- Bot. Zh.** Botanicheskii Zhurnal. Leningrad.
- Bragantia.** Campinas, Brazil.
- Brasil madeir.** Brasil Madeireiro. Rio de Janeiro.
- Braunkohle.** Halle a.S., Germany.
- Brauwissenschaft.** Nürnberg.
- Brit. agric. Chem. & chem. Weed Control.** British Agricultural Chemicals and Chemical Weed Control.
- Brit. Guiana Dep. Agric. Sug. Bull.** British Guiana Department of Agriculture. Sugar Bulletin. Georgetown.
- Brit. Sug. Beet Rev.** British Sugar Beet Review. London.
- Brooklyn bot. Gdn Rec.** Brooklyn Botanic Garden Record. Brooklyn.
- Bul. Univ. shtetër. Tiranë Ser. shkenc. natur.** Tirana, Albania.
- Bългар. Tyutyun.** Bългарски Tyutyun. Sofiya.
- Bull. agric. chem. Soc. Japan.** Bulletin of the Agricultural Chemical Society of Japan. Tokyo.
- Bull. agric. Congo Belge.** Bulletin Agricole du Congo Belge. Bruxelles.
- Bull. Ass. Dipl. Microbiol. Nancy.** Bulletin de l'Association des Diplômés de Microbiologie. Nancy.
- Bull. Ass. franç. Ét. Sol.** Bulletin de l'Association Française pour l'Étude du Sol. Paris.
- Bull. Centre Belge Ét. Docum. Eaux.** Bulletin du Centre Belge d'Étude et de Documentation des Eaux. Liège.

- Bull. Chugoku agric. Exp. Sta.** Bulletin of the Chugoku Agricultural Experiment Station. Hyogo, Japan.
- Bull. Coll. Agric. Utsunomiya Univ.** Bulletin of the College of Agriculture, Utsunomiya University. Utsunomiya, Nippon, Japan.
- Bull. Div. Plant Breed. Cultiv. Tokai-Kinki nat. agric. Exp. Sta.** Bulletin of the Division of Plant Breeding and Cultivation, Tokai-Kinki National Agricultural Experiment Station. Ogosu, Tsu, Japan.
- Bull. Docum. Ass. int. Fabr. Superph.** Bulletin de Documentation. Association Internationale des Fabricants de Superphosphates. Paris.
- Bull. Engrais.** Bulletin des Engrais. Paris.
- Bull. ent. Res.** Bulletin of Entomological Research. London.
- Bull. Fac. Agric. Cairo Univ.** Bulletin of the Faculty of Agriculture Cairo University. Cairo.
- Bull. Fac. Agric. Hirosaki Univ.** Bulletin of the Faculty of Agriculture, Hirosaki University. Hirosaki, Japan.
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- Bull. Fac. Agric. Niigata Univ.** Bulletin of the Faculty of Agriculture, Niigata University. Niigata, Japan.
- Bull. Fac. Agric. Yamaguti Univ.** Bulletin of the Faculty of Agriculture, Yamaguti University. Simonoseki, Japan.
- Bull. geol. Soc. Amer.** Bulletin of the Geological Society of America. Rochester, N.Y.
- Bull. Govt For. Exp. Sta. Meguro.** Bulletin of the Government Forest Experiment Station. Meguro, Tokyo.
- Bull. Groupe franç. Argiles.** Bulletin du Groupe Français des Argiles. Paris.
- Bull. Hatano Tob. Exp. Sta.** Bulletin of the Hatano Tobacco Experiment Station. Hatano, Kanagawa, Japan.
- Bull. Hiroshima agric. Coll.** Bulletin of the Hiroshima Agricultural College. Hiroshima, Japan.
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- Bull. Inform. Coresta.** Bulletin d'Information Coresta. Paris.
- Bull. Inform. Trim (D.R.S. Madagascar).** Tananarive.
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- Bull. nat. Inst. agric. Sci. Tokyo.** Bulletin of the National Institute of Agricultural Sciences. Tokyo.
- Bull. nat. Inst. Sci. India.** Bulletin of the National Institute of Sciences of India. New Delhi.
- Bull. Off. int. Vin.** Bulletin de l'Office International du Vin. Paris.
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- Bur. Sug. Exp. Sta. Qd tech. Commun.** Bureau of Sugar Experiment Stations Queensland. Technical Communication. Brisbane.
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- Byull. glav. bot. Sada Akad. Nauk.** Byulleten' Glavnogo Botanicheskogo Sada Akademii Nauk. Moskva.
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- Byull. nauch.-tekh. Inform. smolen. gosudarst. s.-kh. Stants.** Byulleten' Nauchno-Tekhnicheskoi Informatsii Smolenskoi Gosudarstvennoi Sel'sko-Khozyaistvennoi Stantsii.
- Byull. nauch.-tekh. Inform. stavropol'. nauch.-issled. Inst. sel. Khoz.** Byulleten' Nauchno-Tekhnicheskoi Informatsii Stavropol'skogo Nauchno-Issledovatel'skogo Instituta Sel'skogo Khozyaistva. Stavropol.

- Byull. nauch.-tekhn. Inform. tsent. torfo-bolotn. opyt. Stants.** Byulleten' Nauchno-Tekhnicheskoi Informatsii Tsentral'noi Torfo-Bolotnoi Opytnoi Stantsii. Kosino.
- Byull. nauch.-tekhn. Inform. ukrain. nauch.-issled. Inst. orosh. Zemled.** Byulleten' Nauchno-Tekhnicheskoi Informatsii Ukrainkogo Nauchno-Issledovatel'skogo Instituta Orosneniya i Zemledeliya.
- Byull. nauch.-tekhn. Inform. vsesoyuz. nauch.-issled. Inst. Lesoved.** Byulleten' Nauchno-Tekhnicheskoi Informatsii Vsesoyuznogo Nauchno-Issledovatel'skogo Instituta Lesovedeniya.
- Byull. nauch.-tekhn. Inform. vsesoyuz. nauch.-issled. Inst. maslich. efiromaslich. Kul'tur.** Byulleten' Nauchno-Tekhnicheskoi Informatsii Vsesoyuznogo Nauchno-Issledovatel'skogo Instituta Maslichnykh i Efiromaslichnykh Kul'tur. Krasnodar.
- Byull. nauch.-tekhn. Inform. vsesoyuz. nauch.-issled. Inst. Udobr. Agropochvoved.** Byulleten' Nauchno-Tekhnicheskoi Informatsii Vsesoyuznogo Nauchno-Issledovatel'skogo Instituta Udobrenii Agrotekhniki i Agropochvovedeniya. Moskva.
- Byull. vsesoyuz. nauch.-issled. Inst. Chaya subtrop. Kul'tur.** Byulleten' Vsesoyuznogo Nauchno-Issledovatel'skogo Instituta Chaya i Subtropicheskikh Kul'tur. Makharadze-Anaseuli.
- Byull. vsesoyuz. nauch.-issled. Inst. Udobr. Agropochv.** Byulleten' Vsesoyuznogo Nauchno-Issledovatel'skogo Instituta Udobrenii i Agropochvovedeniya. Moskva.
- Byull. vsesoyuz. nauch.-issled. Inst. Udobr. Agrotekh. Agropochv.** Byulleten' Vsesoyuznogo Nauchno-Issledovatel'skogo Instituta Udobrenii, Agrotekhniki i Agropochvovedeniya. Moskva.
- C.A.** Chemical Abstracts. Easton, Pa.
- CCTA/FAO Bukavu Working Docum.** C.C.T.A./Food and Agriculture Organization. Technical Meeting on Grain Legumes, Bukavu. Working Document. Rome.
- C.R. Acad. Agric. Fr.** Comptes Rendus Hebdomadaires des Séances de l'Académie d'Agriculture de France. Paris.
- C.R. Acad. Sci. Paris.** Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences. Paris.
- C.R. Trav. Lab. Carlsberg.** Comptes Rendus des Travaux du Laboratoire Carlsberg. Copenhagen.
- C.S.I.R.O. (Australia) Abstr. publ. Pap.** Commonwealth Scientific and Industrial Research Organization, Australia. Abstracts of Published Papers & Lists of Translations. Melbourne.
- C.S.I.R.O. (Australia) Div. Soils divl. Rep., Soils Land Use Ser., tech. Mem.** Commonwealth Scientific and Industrial Research Organization, Australia. Division of Soils. Divisional Report. Soils & Land Use Series. Technical Memorandum. Melbourne.
- C.S.I.R.O. (Australia) Irrig. Res. Sta. tech. Pap.** Commonwealth Scientific and Industrial Research Organization, Australia. Irrigation Research Stations. Technical Paper. Melbourne.
- C.S.I.R.O. (Australia), rur. Res., Soil Publ.** Commonwealth Scientific and Industrial Research Organization, Australia. Rural Research. Soil Publication. Melbourne.
- Café Cacao Thé.** Nogent-sur-Marne (Seine).
- Cah. Ing. agron.** Cahiers des Ingénieurs Agronomes. Paris.
- Cah. Rech. agron. Maroc.** Cahiers de la Recherche Agronomique. Maroc.
- Calif. Agric.** California Agriculture. Progress Reports of Agricultural Research. Berkeley.
- Calif. agric. Exp. Sta., Bull., Circ.** California University College of Agriculture. Agricultural Experiment Station. Bulletin. Circular. Berkeley.
- Calif. agric. Ext. Serv. Circ.** California Agricultural Extension Service. Circular. Berkeley.
- Calif. Citrogr.** California Citrograph. Los Angeles.
- Calif. For. Range Exp. Sta. misc. Pap.** California Forest and Range Experiment Station. Miscellaneous Papers. Berkeley.
- Canad. J. agric. Sci.** Canadian Journal of Agricultural Science. (*now in two separate parts*): Canadian Journal of Soil Science and Canadian Journal of Plant Science.) Ottawa.
- Canad. J. Bot.** Canadian Journal of Botany. Ottawa.

- Canad. J. Microbiol.** Canadian Journal of Microbiology. Ottawa.
- Canad. J. Plant Sci.** Canadian Journal of Plant Science. (*formerly part of*): Canadian Journal of Agricultural Science. Ottawa.
- Canad. J. Soil Sci.** Canadian Journal of Soil Science. (*formerly part of*): Canadian Journal of Agricultural Science. Ottawa.
- Canad. Soc. Agron. Proc. sec. annu. Meet.** Canadian Society of Agronomy. Proceedings of the Second Annual Meeting. Toronto.
- Canada Dep. Agric., bi-mon. Progr. Rep. Div. For. Biol., exp. Fms Serv., Publ., Res. Branch Publ., Sci. Serv. Bact. Div.** Canada Department of Agriculture. Forest Biology Division. Bi-monthly Progress Report. Experimental Farms Service. Publication. Research Branch. Publication. Science Service. Bacteriology Division. Ottawa.
- Canada Dep. north. Affairs For. Res. Div. tech. Note.** Canada Department of Northern Affairs and National Resources. Forestry Branch. Forest Research Division. Technical Note. Ottawa.
- Canada Dep. Resour. For. Branch tech. Note.** Department of Resources and Development, Canada. Forestry Branch. Technical Note. Ottawa.
- Cane Gr. quart. Bull.** Cane Growers' Quarterly Bulletin. Brisbane.
- Canterbury agric. Coll. Res. Publ.** Canterbury Agricultural College. Research Publication. Lincoln, N.Z.
- Caoutchouc.** Laikhé.
- Cawthron Inst. Rep.** Cawthron Institute. Annual Report. Nelson, N.Z.
- Cenicafé.** Centro Nacional de Investigaciones de Café. Chinchina, Colombia.
- Centr. Urząd. Geod. Kartogr. Państw. Przedsięb. Wydawn. Karogr. Warszawa.** Centralny Urząd Geodozji i Kartografji. Państwowe Przedsiębiorstwo Wydawnictw Kartograficznych. Warszawa.
- Centre Belge Étude Corrosion Rapp. tech.**
- Centre int. Engr. chim. Ve Assembl. gén. Rapp.** Centre International des Engrais Chimiques. Vième Assemblée Générale. Rapports. Béograd.
- Centre Rech. Rout. Brux. Publ.** Centre de Recherches Routières. Publication. Bruxelles.
- Centro Studi Ingeg. agrar. Mem. Atti.** Centro di Studi per l'Ingegneria Agraria. Memorie ed Atti. Milano.
- Centrum LandbDocum. LitOverzicht.** Centrum voor Landbouwdocumentatie. Literatuuroverzicht. Wageningen.
- Českoslov. Biol.** Československá Biologie. Praha.
- Českoslov. Mikrobiol.** Československá Mikrobiologie. Praha.
- Ceylon Cocon. Quart.** Ceylon Coconut Quarterly. Lunuwila.
- Chem. Anal.** Chemist Analyst. Philipsburg, N.J.
- Chem. Anal. Warsaw.** Chemia Analityczna. Warszawa.
- Chem. d. Erde.** Chemie der Erde. Beiträge zur Chemischen Mineralogie, Petrographie und Geologie. Jena, E. Germany.
- Chem. & Ind.** Chemistry and Industry. London.
- Chem. Weekbl.** Chemisch Weekblad. Amsterdam.
- Chemikerztg.** Chemikerzeitung. Heidelberg, Germany.
- Chemurg. Dig.** Chemurgic Digest. Columbus, Ohio.
- Chim. anal.** Chimie Analytique. Paris.
- Chim. Chron. Athens.** Chimika Chronika. Athens.
- Chim. et Agric.** Chimie et Agriculture.
- Chim. et Industr.** Chimie et Industrie. Paris.
- Chimica Milano.** Chimica. Milano.
- Ciencia Méx.** Ciencia. México.
- Circ. Estac. exp. agric. La Molina.** Circular. Estación Experimental Agrícola de La Molina. Lima, Peru.
- Citrus Ind.** Citrus Industry. Tampa, Fla.
- Citrus Mag.** Citrus Magazine. Tampa, Fla.
- Clay Min. Bull.** Clay Minerals Bulletin. London.
- Cocon. Res. Inst. Ceylon Bull.** Coconut Research Institute Ceylon. Bulletin. Lunuwila.
- Coff. Bd Kenya mon. Bull.** Coffee Board of Kenya. Monthly Bulletin. Nairobi.
- Coff. Bd Res. Dep. Balehonnur Leaf.** Coffee Board Research Department. Coffee Research Station. Leaflet. Balehonnur, India.
- Coff. & Tea Industr.** Coffee and Tea Industries. New York.

FERTILIZERS AND GENERAL AGRONOMY

- Colloq. VI^e Congr. int. Sci. Sol**
Paris. Colloque VI^e Congrès International de la Science du Sol. Paris.
- Colo agric. Exp. Sta., Bull., tech.**
Bull. Colorado Agricultural Experiment Station. Bulletin. Technical Bulletin. Fort Collins.
- Colombia Minist. Min. Petrol. Lab. quim. nac. Bol.** Colombia, Republica de Ministerio de Minas y Petroleos, Laboratorio Quimico Nacional. Boletin. Bogota.
- Colon. Geol. min. Resour.** Colonial Geology and Mineral Resources. London.
- Colon. Pl. Anim. Prod. (now): Trop. Sci.** Colonial Plant and Animal Products. London.
- Comm. agrar. Belang. Limburg Versl.** Commissie voor de Agrarische Belangen in Limburg. Verslag.
- Comm. Fertil.** Commercial Fertilizer. Atlanta, Ga.
- Comm. Gr.** Commercial Grower. London.
- Comm. hydrol. Onderz. T.N.O. Versl. Meded.** Commissie voor Hydrologisch Onderzoek T.N.O. Verslagen en Mededelingen. 's Gravenhage.
- Commonw. Bur. Pastures and Field Crops Mimeo Publ.** Commonwealth Bureau of Pastures and Field Crops. Mimeo Publication. Aberystwyth.
- Commonw. Engr.** Commonwealth Engineer. Melbourne.
- Commonw. mycol. Inst. misc. Publ.** Commonwealth Mycological Institute. Miscellaneous Publication. Kew.
- Commun. Centre Cartogr. phytosociol. Centre Rech. ecol. phytosociol. Gembl.** Communication du Centre de Cartographie Phytosociologique et Centre de Recherches Écologiques et Phytosociologiques de Gembloux. Gembloux, Belgium.
- Commun. & Electr.** Communications and Electronics. London.
- Commun. Inst. for. Fenn.** Communicationes Instituti Forestalis Fenniae. Helsinki.
- Comun. Acad. Rep. pop. Rom.** Comunicările Academiei Republicii Populare Române. București.
- Comun. Inst. for. Invest. Exp. Madrid.** Comunicaciones. Instituto Forestal de Investigaciones y Experiencias. Madrid.
- Comun. Inst. trop. Invest. cient.** Comunicaciones. Instituto Tropical de Investigaciones Científicas. El Salvador.
- Concimi e Concimazioni.** Roma.
- Conf. Acad. Sci. USSR Peaceful Uses Atomic Energy.** Academy of Sciences U.S.S.R. Conference on the Peaceful Uses of Atomic Energy 1955. Washington.
- Conf. int. Afric. occident. VI Sess. Comun.** Conferencia Internacional dos Africanistas Ocidentais. VI. Sessão. Comunicações. London.
- VI Congr. int. Sci. Sol Rapp. VI^e Congrès International de la Science du Sol. Rapports.** Paris.
- 12th Congr. int. Union For. Res. Organ. Oxford.** Twelfth Congress International Union of Forest Research Organization. Oxford.
- Congr. mond. Déterg. Prod. tensioactifs Paris.** Congrès Mondial de la Détergence et des Produits Tensioactifs. Paris.
- Congr. sci. int. Tabac 1^{er} Congr. Paris-Bergerac.** Congrès Scientifique International du Tabac. 1^{er} Congrès Paris-Bergerac. Paris.
- Conn. agric. Exp. Sta. Bull.** Connecticut Agricultural Experiment Station. Bulletin. New Haven.
- Consult. Cttee Developm. spectrogr. Work Bull.** Consultative Committee for Development of Spectrographic Work. Bulletin. Aberdeen.
- Contr. Boyce Thompson Inst.** Contributions from Boyce Thompson Institute for Plant Research. Yonkers, New York.
- Contr. gen. agric. Res. Sta. Bogor.** Contributions from the General Agricultural Research Station, Bogor, Indonesia.
- Coresta Inf. Bull.** Coresta, Information Bulletin. Paris.
- Cornell agric. Exp. Sta., Bull., Mem.** Cornell University Agricultural Experiment Station. Bulletin. Memoirs. Ithaca, N.Y.
- Cornell Ext. Bull.** Cornell Extension Bulletin. Ithaca, New York.
- Corros. et Anti-corros.** Corrosion et Anti-corrosion. Paris.
- Cot. et Fibr. trop.** Coton et Fibres Tropicales. Paris.
- Cott. Res. Inst. Sindos Sci. Bull.** Cotton Research Institute. Science Bulletin. Sindos, Greece.
- Crops & Soils.** Madison, Wisc.
- Cukoripar.** Budapest.
- Curr. Sci.** Current Science. Bangalore, India.

BIBLIOGRAPHY OF SOIL SCIENCE

- D.I.A. Bol. tec.** D.I.A. Boletín Tecnico. Bogota, Colombia.
- D.S.I.R. (Lond.) Rd Res. tech. Pap.** Department of Scientific and Industrial Research (London). Road Research. Technical Paper. London.
- D.S.I.R. (New Zealand) Bull., Inform. Ser.** Department of Scientific and Industrial Research. Bulletin. Information Series. Wellington.
- D.S.I.R. (New Zealand) Soil Bur. Bull., Publ.** Soil Bureau, Department of Scientific and Industrial Research. Bulletin. Publication. Wellington.
- Dansk Skovforen. Tidsskr.** Dansk Skovforeningens Tidsskrift. Kjøbenhavn.
- Debr. mezög. Akad. Évk.** Debreceni Mezögazdasági Akadémia Évkönyvé. Budapest.
- Decheniana.** Bonn.
- Del. agric. Exp. Sta. Bull., tech. Bull.** Delaware University Agricultural Experiment Station. Bulletin. Technical Bulletin. Newark.
- Dep. Agric. Scotland adv. Leaf.** Department of Agriculture for Scotland. Advisory Leaflet. Edinburgh.
- Dir. ger. Serv. florest. aquic. Publ.** Direcção Geral dos Serviços Florestais e Aquícolas. Publicações. Alcobaca, Portugal.
- Dir. Hydraul. Équip. rur. Alger. Ét. gén.** Direction de l'Hydraulique et de l'Équipement Rural. Étude Général. Alger.
- Diss. Abstr.** Dissertation Abstracts. Ann Arbor, Mich.
- Doc. Bull. nat. Res. Centre.** Documentation Bulletin of the National Research Centre. Cairo.
- Dokl. Akad. Nauk.** Doklady Akademii Nauk S.S.S.R. Moskva—Leningrad.
- Dokl. Akad. Nauk armyan. SSR.** Doklady Akademii Nauk Armyanskoï S.S.R. Erevan, Armenia.
- Dokl. Akad. Nauk azerbajdzhan. SSR.** Doklady Akademii Nauk Azerbajdzhanskoï S.S.R. Baku.
- Dokl. Akad. Nauk belorus. SSR.** Doklady Akademii Nauk Beloruskoï S.S.R. Minsk.
- Dokl. Akad. Nauk uzbek. SSR.** Doklady Akademii Nauk Uzbekskoï S.S.R. Tashkent.
- Dokl. Akad. s.-kh. Nauk.** Doklady Vsesoyuznoï Ordена Lenina Akademii Sel'skhozyaistvennykh Nauk Imeni V.I.Lenina. Moskva.
- Dokl. moskov. s.-kh. Akad. Timiryazeva.** (see) Dokl. s.-kh. Akad. Timiryazeva.
- Dokl. s.-kh. Akad. Timiryazeva.** Doklady Moskovskoï Sel'sko-Khozyaistvennoï Akademii im. K.A. Timiryazeva. Moskva.
- Dokl. timiryazev. s.-kh. Akad.** (see) Dokl. s.-kh. Akad. Timiryazeva.
- Dokl. VASKhNIL.** (see) Dokl. Akad. s.-kh. Nank.
- Dopov. Akad. Nauk ukrain. SSR.** Dopovidi Akademii Nauk Ukrainskoï S.S.R. Kiev.
- Dopov. ukr. Akad. Sil'skogospodars'k. Nauk.** Dopovidi Ukrainskoï Akademii Sil'skogospodarskikh Nauk. Kiev.
- Down to Earth.** (Down Chemical Co.) Midland, Michigan.
- Dtsch. Agrartechnik.** Deutsche Agrartechnik. Berlin.
- Dtsch. Akad. Landw. Sitzungsber.** Deutsche Akademie der Landwirtschaften zu Berlin. Sitzungsberichte. Leipzig.
- Dtsch. Gartenbau.** Deutsche Gartenbau. Berlin.
- Dtsch. Landw.** Deutsche Landwirtschaft. Berlin.
- Dtsch. Tabakbau.** Deutsche Tabakbau. Kaiseraultern.
- Düng. Forstw.** Düngung in der Forstwirtschaft. Essen.
- E. afr. Agric. For. Res. Org. Rep.** East African Agriculture and Forestry Research Organisation. Annual Report. Nairobi.
- E. afr. agric. J.** East African Agricultural Journal. Nairobi.
- E. China J. agric. Sci.** East China Journal of Agricultural Science. Peking.
- E. Malling Res. Sta. Rep.** East Malling Research Station. Annual Report. Maidstone.
- Ecol. Monogr.** Ecological Monographs. Durham, N.C.
- Ecol. Rev. Sendai.** Ecological Review Tôhoku University. Sendai, Japan.
- Ecology.** Brooklyn.
- Econ. Bot.** Economic Botany. Lancaster, Pa.
- Econ. Geogr.** Economic Geography. Worcester, Mass.

- Econ. Geol.** Economic Geology. Urbana, Ill.-London.
- Econ. Proc. roy. Dublin Soc.** Economic Proceedings of the Royal Dublin Society. Dublin.
- Econ. tech. Analysis Fertil.** Economic and Technical Analysis of Fertilizer. Ames, Iowa.
- Edinb. E. Scot. Coll. Agric. misc. Publ., tech. Bull.** Edinburgh and East of Scotland College of Agriculture. Miscellaneous Publications. Technical Bulletin. Edinburgh.
- Eesti NSV Teaduste Akad. Toimetised.** Eesti NSV Teaduste Akadeemia Toimetised. Tallinn, Estonia.
- Eesti põllum. Akad. teadusl. Tööde Kogumik.** Eesti Põllumajanduse Akadeemia Teaduslike Tööde Kogumik.
- Egypt. J. Bot.** Egyptian Journal of Botany. Cairo.
- Egypt Minist. Agric. Ext. Dep. tech. Bull.** Ministry of Agriculture, Egypt. Extension Department. Technical Bulletin. Cairo.
- Eire J. Dep. Agric.** Journal of the Department of Agriculture, Eire. Dublin.
- Eiszeitalter u. Gegenwart.** Eiszeitalter und Gegenwart. Hannover.
- Eleventh Rep. scot. Standing Cttee.** Eleventh Report Scottish Standing Committee. Edinburgh.
- Emp. Cott. Gr. Corp. Progr. Rep. Exp. Sta. Aden.** Empire Cotton Growing Corporation. Progress Report from Experiment Station. Aden Protectorate.
- Emp. Cott. Gr. Rev.** Empire Cotton Growing Review. London.
- Emp. For. Rev.** Empire Forestry Review. London.
- Emp. J. exp. Agric.** Empire Journal of Experimental Agriculture. Oxford.
- Endeavour.** London.
- Engng J. Montreal.** Engineering Journal. Montreal.
- Ent. exp. & appl.** Entomologia Experimentalis et Applicata. Amsterdam.
- Erdész. Kut.** Erdészeti Kutatások. Budapest.
- Erdészettud. Közl.** (formerly): Erdőmérn. Főisk. Közl. Erdészettudományi Közlemények. Sopron, Hungary.
- Erdőmérn. Főisk. Közl.** (now): Erdészettud. Közl. Erdőmérnöki Főiskola Közleményei. Sopron, Hungary.
- Ergebn. wiss. Unters. schweiz. NatParks.** Ergebnisse der Wissenschaftlichen Untersuchungen des Schweizerischen Nationalparks. Liestal, Switzerland.
- Ernährungsforschung.** Berlin.
- Esper. Ist. agr. Pisa.** Esperienze e Ricerche. Istituto di Agronomia Generale e Coltivazioni Erbacee, Università di Pisa. Pisa.
- Esso Fmr.** Esso Farmer. London.
- Estud. geogr.** Estudios Geograficos. Madrid.
- Estud. inform. Serv. flor. aquíc. Portugal.** Estudos Informacionais dos Servicos Florestais e Aquícolas. Lisboa.
- Euphytica.** Wageningen.
- Europ. Potato J.** European Potato Journal. Wageningen.
- Exp. Husbandry.** Experimental Husbandry. London.
- Experientia.** Basle.
- F.A.** Forestry Abstracts. Oxford.
- FAO. agric. Stud., Expanded tech. Assist. Progr. Rep., For. Development. Pap., For. Equipm. Notes.** Food and Agriculture Organization of the United Nations. Agricultural Studies. Expanded Technical Assistance Programme. Report. Forestry Development Paper. Forestry Equipment Notes. Rome.
- FAO Jt. Subcomm. Medit. For. Probl., Nice.**
- Fachl. Mitt. Österr. Tabakregie.** Fachliche Mitteilungen der Österreichischen Tabakregie. Wien.
- Fatis Rev.** Fatis Review. (Organization for European Economic Co-operation.) Paris.
- Fernhurst Bull.** Fernhurst Bulletin. Fernhurst, England.
- Fertil. Feed. St. J.** Fertiliser and Feeding Stuffs (and Farm Supplies) Journal. London.
- Fertil. News.** Fertilizer News. New Delhi.
- Fertil. Soc. Proc.** Fertiliser Society. Proceedings. London.
- Fertilité.** Paris.
- Field Crop Abstr.** Field Crop Abstracts. Aberystwyth.
- Fiji agric. J.** Fiji Department of Agriculture. Agricultural Journal. Suva.
- Fiji Dep. Agric. Bull.** Department of Agriculture, Fiji. Bulletin. Suva.

- Final Rep. World Eucalyptus Conf. Rome.** Final Report of the World Eucalyptus Conference. Rome.
- Fiz. geogr. Raionir. Kitaya.** Fizicheskaya Geografiya i Raionirovanie. Kitai, China.
- Fiziol. Rast.** Fiziologiya Rastenii. Moskva.
- Fla agric. Exp. Sta. Bull., Circ., Rep., tech. Bull.** Florida Agricultural Experiment Station. Bulletin. Circular. Report. Technical Bulletin. Gainesville.
- Flora.** Flora, oder Allgemeine Botanische Zeitung. Jena, Regensburg.
- Fm Chemic.** Farm Chemicals. Philadelphia, Pa.
- Fmg S. Afr.** Farming in South Africa. Pretoria.
- Fmrs Sci. Joint Conf. Australia.** Farmers' and Scientists' Joint Conference. University of Western Australia.
- Fmrs Wkly Lond.** Farmers' Weekly. London.
- Fmrs Wkly S. Afr.** Farmer's Weekly. Bloemfontein.
- Fol. Biol.** Folia Biologica. Praha.
- Fol. Microbiol.** Folia Microbiologica. Praha.
- Fol. limnol. scand.** Folia Limnologica Scandinavica. København.
- Földr. Ért.** Földrajzi Értésítő. Budapest.
- Foll. tec. Ofic. Estud. espec. Secret. Agric. Ganad. Méx.** Folleto Tecnico. Oficina de Estudios Especiales, Secretaria de Agricultura y Ganaderia. Mexico, D. F.
- For. Chron.** Forestry Chronicle. Toronto.
- For. Comm. Bull., Rep. For. Res.** Forestry Commission. Bulletin. Report on Forest Research. London.
- For. Prod. J.** Forest Products Journal. Madison, Wis.
- For. Res. Note Wis. Coll. Agric.** Forest Research Note College of Agriculture, University of Wisconsin. Madison, Wis.
- For. Res. Rev. brit. Columbia.** Forest Research Review. Victoria, B.C.
- For. Sci.** Forest Science. Washington.
- For. Soils Japan Rep.** Forest Soils of Japan. Report. Tokyo.
- For. Timb. Bur. Aust. Leaf.** Commonwealth Forestry and Timber Bureau. Leaflet. Canberra.
- Forestry.** London.
- Forsch. Ber. Wirtsch. Verkehrs-minist. Nord-Rhein-Westfalen.** Forsch. u. Beratung Forstw. Forschung und Beratung. Forstwirtschaft. Düsseldorf.
- Forskn. Fors. Landbr.** Forskning og Forsk i Landbruket. Oslo.
- Forst u. Holz. (now): Forst u. Holzw.** Forst und Holz. Hannover.
- Forst u. Holz. (formerly): Forst u. Holz.** Forst und Holzwirt. Hannover.
- Forst u. Jagd.** Forst und Jagd. Berlin.
- Forstarchiv.** Hannover.
- Forstl. Forsøgsv. Danm.** Forstlige Forsøgsvaesen i Danmark. Kjøbenhavn.
- Forstw. Cbl.** Forstwirtschaftliches Centralblatt. Hamburg.
- Fosfornye Udobreniya (Nauch. Inst. Udobr. Insektufung.)** Fosfornye Udobreniya (Nauchno-Issledovatel'skii Institut Udobrenii i Insektufungsidi. Moskva.
- Fruits.** Paris.
- Fruits Prim. Afr. N.** Fruits et Primeurs de l'Afrique du Nord. Casablanca.
- Fruiteelt.** Arnhem, Holland.
- Frukt og Baer.** Oslo.
- Fruktodlaren.** Stockholm.
- Ga agric. Exp. Sta. Bull., Circ., tech. Bull.** Georgia Agricultural Experiment Station. Bulletin. Circular. Technical Bulletin. Experiment.
- Garcia de Orta.** Garcia de Orta. Revista da Junta das Missões Geográficas e de Investigações do Ultramar. Lisboa.
- Gartenbauwissenschaft.** Berlin.
- Gaz. cukrown.** Gazeta Cuckrownicza. Warszawa.
- Gdnrs' Chron.** Gardeners' Chronicle and Agricultural Gazette. London.
- Geochim. et cosmoch. Acta.** Geochimica et Cosmochimica Acta. London.
- Geogr. helv.** Geographica Helvetica. Zürich.
- Geogr. J.** Geographical Journal including the Proceedings of the R. Geographical Society. London.
- Geogr. Rev.** Geographical Review. New York.
- Geography.** London.
- Geokhimiya.** Moskva.
- Geol. en Mijnb.** Geologie en Mijnbouw. 's Gravenhage.
- Geol. Fören. Stockh. Förh.** Geologiska Föreningens i Stockholm Förhandlingar. Stockholm.

- Geol. Jb.** Geologisches Jahrbuch. Hannover.
- Geol. Landesamt Schl.-Holst.** Geologisches Landesamt Schleswig-Holstein. Kiel.
- Georgofili.** Firenze.
- Gerlands Beitr. Geophys.** Gerlands Beiträge zur angewandten Geophysik. Leipzig.
- Gesunde Pfl.** Gesunde Pflanzen. Frankfurt am Main.
- Ghana Dep. Soil Land-Use Surv. occ. Pap., Rep., tech. Rep.** Ghana Department of Soil and Land-Use Survey. Occasional Paper. Report. Technical Report. Kumasi.
- Ghana Fmr.** Ghana Farmer. Accra.
- Ghana geol. Surv. Bull.** Ghana Geological Survey Bulletin. Accra.
- Gidrotekh. Melior.** Gidrotekhnika i Melioratsiya. Moskva.
- Gigiena i Sanit.** Gigiena i Sanitariya. Moskva.
- Gladolus.** Boston, Mass.
- Glassh. Crops Res. Inst. Rep.** Glasshouse Crops Research Institute. Annual Report. Littlehampton, Sussex.
- Glav. Geofiz. Observ. Trudy.** Glavnaya Geofizicheskaya Observatoriya Trudy. Leningrad.
- Gold Cst Dep. Soil Land-Use Surv. Bull., tech. Rep.** (*see also*): Ghana Dep. Soil Land-Use Surv. Gold Coast Department of Soil and Land-Use Survey. Bulletin. Technical Report. Kumasi.
- Gold Cst geol. Surv. Bull.** (*see*): Ghana geol. Surv. Bull.
- Gosp. Wodna.** Gospodarka Wodna. Warszawa.
- Gouv. gén. Algérie Trav. Sect. Pédol. Bull.** Gouvernement Général de l'Algérie, Travaux des Sections Pédologie et Agrolologie. Bulletin. Birmandreis.
- Govt For. Exp. Sta. Hokkaido Rep.** Government Forestry Experiment Station, Hokkaido. Annual Report. Sapporo, Japan.
- Govt For. Exp. Sta. Meguro.** Government Forest Experiment Station, Meguro. Report. Tokyo.
- Govt Print. Dar-es-Salaam.** Government Printer. Dar-es-Salaam.
- Gozd. Vestn.** Gozdarski Vestnik. Ljubljana, Jugoslavia.
- Grăd. Via Lívada.** Grădina, Via și Lívada. București.
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- Green Bull.** Green Bulletin. Hannover.
- Grower.** London.
- Grundförbättring.** Uppsala, Sweden.
- Grundl. Landtech.** Grundlagen der Landtechnik. Düsseldorf.
- Grüne.** Schweizerische Landwirtschaftliche Zeitschrift "Die Grüne." Zürich.
- Grünland.** Berlin.
- Guminov. Udobr.** Guminovye Udobreniya. Khar'kov.
- Hannov. land- u. forstw. Ztg.** Hannoverische Land- u. Forstwirtschaftliche Zeitung. Hannover.
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- Hawaii agric. Exp. Sta. tech. Bull.** Hawaii Agricultural Experiment Station. Technical Bulletin. Honolulu.
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- Hawaii Plant. Rec.** Hawaiian Planters' Records. Honolulu.
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- Highw. Res. Bd Bull.** Highway Research Board. Bulletin. Washington.
- Hilgardia.** Berkeley, Calif.
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- Idia.** Buenos Aires.
- Időjárás.** Budapest.
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- Imp. Coll. trop. Agric. Rep. Cacao Res.** Imperial College of Tropical Agriculture. Report on Cacao Research. St. Augustine, Trinidad.
- Imp. For. Inst. Pap.** Imperial Forestry Institute. Paper. Oxford.
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- Indian Agricult.** Indian Agriculturalist. Calcutta.
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- Indian Tob.** Indian Tobacco. Egmore, Madras.
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- Industr. Wastes.** Industrial Wastes. Chicago, Ill.
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- Inform. Byull. latv. nauch.-issled. Inst. Zemled.** Informatsionnī ī Byulleten' Latvišķo Nauchno-Issledovatel'skogo Instituta Zemledeliya.
- Informac. Quím. anal. Madr.** Información de Química Analítica. Madrid.
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- Izv. kuibyshev. s.-kh. Inst.** Izvestiya Kuibyshevskogo Sel'sko-Khozyaistvennogo Instituta. Kuibyshev.
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- Maataloust. Aikak.** Maataloustieteellinen Aikakauskirja. Helsinki.

- Madras agric. J.** Madras Agricultural Journal. Madras.
- Magy. Kém. Folyóir.** Magyar Kémiai Folyóirat. Budapest.
- Magy. Mezőgazd.** Magyar Mezőgazdaság. Budapest.
- Magy. Tud. Akad. Agrártud. Oszt. Közl.** Magyar Tudományos Akadémia Agrártudományi Osztályának Közleményei. Budapest.
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- Maine Fm Res.** Maine Farm Research. Orono.
- Malay. agric. J.** Malayan Agricultural Journal. Kuala Lumpur.
- Malay. J. trop. Geogr.** Malayan Journal of Tropical Geography. Singapore.
- Manitoba Dep. Agric. Soils Rep.** Manitoba Department of Agriculture. Soils Report. Winnipeg.
- Manitoba Soil Surv. Soils Rep.** Manitoba Soil Survey. Soils Report. Manitoba.
- "Man's Role in Changing the Face of the Earth."** Chicago.
- Manx J. Agric.** Manx Journal of Agriculture. Douglas, Isle of Man.
- Maryland agric. Exp. Sta. Bull.** University of Maryland. Agricultural Experiment Station. Bulletin. College Park.
- Massey agric. Coll. Dairyfmg Ann.** Massey Agricultural College. Dairy-farming Annual. Palmerston North, N.Z.
- Materialy izuch. proizvodit. Sil buryat-mongol. SSR.** Materialy po Izuchenii Proizvoditel'nykh Sil Buryat-Mongol'skoi S.S.R. Ulan-Ude.
- Materialy izuch. stavropol. Kraya.** Materialy po Izuchenii u Stavropol'skogo Kraya. Stavropol.
- Materialy proizvod. Sil. Uzbek.** Materialy po Proizvoditel'nykh Silam Uzbekistana. Tashkent.
- Materialy Soveshch. geol. Vost. Sibiri dal'n. Metod. geol.-c'emochn. poisk. Rabot Chita.** Materialy Soveshchaniya Geologii Vostochnoi Sibiri i Dal'nogo Vostoka po Metodike Geologicheskoi c'emochnykh i Poiskennykh Rabot Chita.
- Mauritius Dep. Agric. Rep.** Annual Report of the Department of Agriculture. Port Louis.
- Mauritius Sug. Industr. Res. Inst. Bull., Rep.** Mauritius Sugar Industry Research Institute. Bulletin. Annual Report. Port Louis.
- Meander.** Warszawa.
- Mecaniz. electrif. agric.**
- Mechanis. Elekt. Zemed.** Mechanisace a Elektrifikace Zemědělství. Praha.
- Mechaniz. roln.** Mechanizacja Rolnictwa.
- Mechen. Atom. Issled. Pitan. Rast. Primen. Udobr.** Mechenye Atomy v Issledovaniakh Pitaniya Rastenii i Primenenii Udobvenii.
- Med. Weterynar.** Medycyna Weterynaryjna. Warszawa.
- Medd. JordbrFörs. Stockh.** Meddelanden. Statens Jordbruksförsök. Stockholm.
- Medd. kgl. tekn. Högsk. Inst. JordbrLära.** Meddelande från Kungliga Tekniska Högskolans Institution for Jordbrukslära. Stockholm.
- Medd. Norske SkogsforsVesen.** Meddelelser fra det Norske Skogsforsøksvesen. Oslo.
- Medd. SkogsforskInst. Stockh.** Meddelanden från Statens Skogsforskningsinstitut. Stockholm.
- Medd. Trädgårdsförs. Malmö.** Meddelanden från Statens Trädgårdsförsök. Malmö, Sweden.
- Meded. Dir. Tuinb.** Mededelingen. Directeur van de Tuinbouw. 's Gravenhage.
- Meded. Inst. ration. Suikerprod.** Mededelingen van het Instituut voor Rationale Suikerproductie. Bergen op Zoom, Holland.
- Meded. Inst. toegep. biol. Onderz. Nat.** Mededelingen van het Instituut voor Toegepast Biologisch Onderzoek in de Natuur. Arnhem, Holland.
- Meded. LandbHogesch. Gent.** Mededelingen van de Landbouwhogeschool en de Opzoekingsstations van de Staat te Gent. Ghent, Belgium.
- Meded. LandbHogesch. Wageningen.** Mededelingen van de Landbouwhogeschool. Wageningen.
- Meded. Stichting Bodemkart. bodemkund. Stud.** Mededelingen van de Stichting voor Bodemkartering. Bodemkundige Studies. Maastricht, Holland.
- Meld. Norg. LandbrHøgsk.** Meldinger fra Norges Landbrukshøgskole. Vollebakk, Norway.
- Mem. Coll. Agric. Kyoto Univ.** Memoirs of the College of Agriculture, Kyoto University. Kyoto, Japan.

- Mem. Coll. Agric. Taiwan Univ.** Memoirs of the College of Agriculture, National Taiwan University. Taipei, China.
- Mem. Coll. Sci. Univ. Kyoto.** Memoirs of the College of Science, University of Kyoto. Kyoto, Japan.
- Mem. XXX Conf. anu. As. Téc. azuc. Cuba.** Memoria de la XXX Conferencia Anual del Asociación de Técnicos Azucareros de Cuba. Havana.
- Mem. Ehime Univ.** Memoirs of the Ehime University. Matsuyama, Japan.
- Mem. Fac. Agric. Hokkaido Univ.** Memoirs of the Faculty of Agriculture, Hokkaido University. Sapporo, Japan.
- Mem. Fac. Agric. Kagoshima Univ.** Memoirs of the Faculty of Agriculture, Kagoshima University. Kagoshima, Japan.
- Mém. Inst. sci. Madagascar.** Mémoires de l'Institut Scientifique de Madagascar. Tananarive.
- Mem. Res. Inst. Food Sci. Kyoto Univ.** Memoirs of the Research Institute for Food Science, Kyoto University. Kyoto, Japan.
- Mem. Soil Surv. Gt. Brit.** Memoirs of the Soil Survey of Great Britain. London.
- Mest. organ. Udobr. ukrain. SSR.** Mestnye Organicheskie Udobreniya Ukrainskoi S.S.R.
- Met. Abstr.** Meteorological Abstracts and Bibliography. (American Meteorological Society.) Boston, Mass.
- Met. Agency Tokyo Mem. industr. Met.** Meteorological Agency, Tokyo. Memoirs of Industrial Meteorology. Tokyo.
- Met. Gidrol.** Meteorologiya i Gidrologiya. Leningrad.
- Met. Mag.** Meteorological Magazine. London.
- Metsät. Aikakaustl.** Metsätaloudellinen Aikakaustlehti. Helsinki.
- Mezh. s.-kh. Zh.** Mezhdynarognyi Sel'sko-Khozyaistvennogo Zhurnal.
- Mich. agric. Exp. Sta. quart. Bull.** Michigan Agricultural Experiment Station. Quarterly Bulletin. East Lansing.
- Microbiol. esp.** Microbiologia Española. Madrid.
- Mikrobiol. Sborn. Akad. Nauk armyan. SSR.** Mikrobiologicheskii Sbornik Akademii Nauk Armyanskoi S.S.R. Erevan.
- Mikrobiol. Zh.** Mikrobiologicheskii Zhurnal. Kiev.
- Mikrobiologiya.** Moskva.
- Mikroélem. Rastenievod.** Mikroelementy v Rastenievodstve.
- Mikroelem. sel. Khoz. Medits.** Mikroelementy v Sel'skom Khozyaistve i Meditsine. Akademiya Nauk Latvinskoi S.S.R. Riga.
- Min. Engng.** Mining Engineering. New York.
- Min. World Seattle.** Mining World. Seattle, Wash.
- Miner. Mag.** Mineral Magazine and Journal of the Mineralogical Society. London.
- Mineral. Sborn.** Mineralogicheskii Sbornik. L'vov.
- Minist. Agric. adv. Leaf., Bull., tech. Bull.** Ministry of Agriculture and Fisheries. Advisory Leaflet. Bulletin. Technical Bulletin. London.
- Minist. Agric. Fed. Malaya.** Ministry of Agriculture Federation of Malaya. Kuala Lumpur.
- Minist. Agric. Sta. agron. Libano-Française.** Ministère de l'Agriculture. Station Agronomique Libano-Française. Beyrouth.
- Minist. Algérie Trav. Sect. Pédol. Agrol. Bull.** Ministère de l'Algérie. Travaux des Sections Pédologie et Agrologie. Bulletin. Clairbois-Birmandreis.
- Minist. France O.M. Bull. agron.** Ministère de la France d'Outre Mer. Bulletin Agronomique. Nogent-sur-Marne.
- Minn. agric. Exp. Sta. Bull., tech. Bull.** University of Minnesota. Agricultural Experiment Station. Bulletin. Technical Bulletin. St. Paul.
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- Missouri agric. Exp. Sta. Res. Bull.** Missouri University College of Agriculture. Agricultural Experiment Station. Research Bulletin. Columbia.
- Mitt. biol. BundAnst. Berl. (formerly): Mitt. biol. ZentAnst. Berl.** Mitteilungen der Biologischen Bundesanstalt für Land- und Forstwirtschaft. Berlin-Dahlem.
- Mitt. BundesAnst. Weinb. Wien.** Mitteilungen der Höheren Bundeslehr- und Versuchsanstalten für Wein-, Obst-, und Gartenbau. (a) Rebe & Wein, (b) Obst & Garten. Wien-Klosterneuburg.

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- Mitt. Lebensm. Hyg. Bern.** Mitteilungen aus dem Gebiete der Lebensmitteluntersuchung und Hygiene. Bern.
- Mitt. ObstbVersRinges Jork.** Mitteilungen des Obstbauversuchsrings. Jork.
- Mitt. schweiz. Anst. forstl. VersW.** Mitteilungen der Schweizerischen Anstalt für das Forstliche Versuchswesen. Zürich.
- Mitt. schweiz. ent. Ges.** Mitteilungen der Schweizerischen Entomologischen Gesellschaft. Schaffhausen, Bern.
- Mitt. schweiz. Landw.** Mitteilungen für die Schweizerische Landwirtschaft. Zurich-Oerlikon.
- Mitt. StForstverw. Bayerns.** Mitteilungen aus der Staatsforstverwaltung Bayerns. München.
- Mitt. StInst. allg. Bot.** Mitteilungen aus dem Staatinstitut für allgemeine Botanik in Hamburg. Hamburg.
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- NachrBl. dtsh. PflSchDienst Stuttgart.** Nachrichtenblatt des Deutschen Pflanzenschutzdienstes. Stuttgart.
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- Narodni Šumar.** Sarajevo, Yugoslavia.
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- Nat. Shade Tree Conf. Proc.** National Shade Tree Conference Proceedings. Wooster, Ohio.
- Nat. Veg. Res. Sta. Wellesbourne Rep.** National Vegetable Research Station. Annual Report. Wellesbourne, England.
- Nat. Weed Cttee Alberta.** National Weed Committee. Lethbridge, Alberta.
- Nature Lond.** Nature. London.
- Nature Paris.** Nature. Paris.
- Naturw. Rdsch.** Naturwissenschaftliche Rundschau. Braunschweig, W. Germany.
- Naturwissenschaften.** Berlin.
- Nauč. Osnov. Borb. Eroz.** Naučne Osnove Borbe Protiv Eroziije. Beograd.
- Nauč. Trud. lesoteh. Inst. Sofia.** Naučni Trudove Lesotehnički Institut. Sofia.
- Nauch. Dokl. vŷssh. Shkolŷ biol. Nauk.** Nauchnye Doklady Vŷssheŷ Shkolŷ Biologičeskoŷ Nauki.
- Nauch. Dokl. vŷssh. Shkolŷ Stroitel'stvo.** Nauchnye Doklady Vŷssheŷ Shkolŷ. Stroitel'stvo. Moskva.
- Nauch. Ezhegod. 1954 saratov. Univ.** Nauchnye Ezhegodnik za 1954g. Saratovskogo Universiteta. Saratov.
- Nauch.-issled. Inst. Tabaka Makhorki.** Nauchno-Issledovatel'skii Institut Tabaka i Makhorki.
- Nauch. Konf. Aspirant. Akad. Nauk azerbaïdžhan. SSR.** Nauchnaya Konferentsiya Aspirantov Akademii Nauk Azerbaïdžhanskoŷ S.S.R.
- Nauch. Trud. Viŷsh. s.-s. Inst. Dimitrov.** Nauchni Trudove Viŷsh Selskostopanski Institut "Georgi Dimitrov". Agronomičeski Fakultet. Sofiya.
- Nauch. Trudŷ Inst. Fiziol. Rast. Agrokhim. Akad. Nauk ukrain. SSR.** Nauchnye Trudŷ Instituta Fiziologii Rastenŷ i Agrokhimii Akademii Nauk Ukrainskoŷ S.S.R. Kiev.
- Nauch. Trudŷ l'vov. lesotekh. Inst.** Nauchnye Trudŷ L'vovskogo Lesotekhnicheskogo Instituta. Lvov.
- Nauch. Trudŷ poltav. s.-kh. Inst.** Nauchnye Trudŷ Poltavskogo Sel'sko-Khozyaistvennogo Instituta. Poltava.
- Nauch. Trudŷ ukrain. nauch. Inst. Ovoshch. Kartof.** Nauchnye Trudŷ Ukrainskogo Nauchnogo Instituta Ovoshchevodstva i Kartofel'ya. Kiev.
- Nauch. Trudŷ ukrain. nauch.-issled. Inst.** Nauchnye Trudŷ Ukrainskogo Nauchno-Issledovatel'skogo Instituta. Kiev.
- Nauch. Trudŷ ukrain. nauch.-issled. Inst. Gidrotekh. Melior.** Nauchnye Trudŷ Ukrainskogo Nauchno-Issledovatel'skogo Instituta Gidrotekhniki i Melioratsii. Kiev.
- Nauch. Trudŷ ukrain. nauch.-issled. Inst. les. Khoz. Agrolesomelior.** Nauchnye Trudŷ Ukrainskogo Nauchno-Issledovatel'skogo Instituta Lesnogo Khozyaistva i Agrolesomelioratsii. Kiev.
- Nauch. Trudŷ ukrain. nauch.-issled. Inst. sotsial. Zemled.** Nauchnye Trudŷ Ukrainskogo Nauchno-Issledovatel'skogo Instituta Sotsialisticheskogo Zemledeliya. Kiev.
- Nauch. Trudŷ ukrain. s.-kh. Akad.** Nauchnye Trudŷ Ukrainskoŷ Sel'sko-Khozyaistvennoŷ Akademii. Kiev.
- Nauch. Zap. dnepropetr. Univ.** Nauchnye Zapiski Dniepropetrovskogo Universiteta. Dnepropetrovsk.
- Nauch. Zap. kherson. s.-kh. Inst.** Nauchnye Zapiski Khersonskogo Sel'sko-Khozyaistvennogo Instituta. Kherson.

- Nauch. Zap. I'vov. Univ.** Nauchnye Zapiski L'vovskogo Universiteta. Lvov.
- Nauch. Zap. voroshilovgrad. s.-kh. Inst.** Nauchnye Zapiski Voroshilovgradskogo Sel'sko-Khozyaistvennogo Instituta. Voroshilovgrad.
- Nauchni Tr. M-vo Zemed. Gorite Ser. rast.** Nauchni Trudove (Ministerstvo na Zemedeliето) Gorite. Seriya Rasteniev'dstvo.
- Nauk. Pratsi s.-g. Nauk.** Naukovi Pratsi Sel'sko Gospodarskikh Nauk. Kiev.
- Nauk. Zap. kiiv. derzh. ped. Inst.** Naukovi Zapiski Kiiv's'koho Derzhavnoho Pedagogichenoho Institutu. Kiev.
- Nauk. Zap. kiiv. Univ.** Naukovi Zapiski Kiiv's'koho Derzhavnoho Universitetu im. T.G. Shevchenka. Kiev.
- Neb. Exp. Sta. Circ.** Experiment Station of the University of Nebraska. College of Agriculture. Circular. Lincoln.
- Ned. BosbTijdschr.** Nederlandsch Bosbouw tijdschrift. Wageningen.
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- Nord. JordbrForskn.** Nordisk Jordbruksforskning. Oslo.
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- Norsk Tidsskr. Jordsk. Landm.** Norsk Tidsskrift for Jordskifte og Landmåling. Bergen, Norway.
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- Notizbl. hess. Landesamt. Bodenforsch.** Notizblatt des Hessischen Landesamtes für Bodenforschung zu Wiesbaden.
- Növénytermelés.** Budapest.
- Nowe Rol.** Nowe Rolnictwo.
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- ORSTOM Paris.** Office de la Recherche Scientifique et Technique Outre-Mer. Paris.
- Orsz. mezög. Minőség. Int. Évk.** Országos Mezőgazdasági Minőségvizsgáló Intézet Évkönyve. Budapest.
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- Potash trop. Agric.** Potash Tropical Agriculture. Amsterdam.
- Potasse.** Mulhouse, France.
- Potassium Symp.** Potassium Symposium. (International Potash Institute.) Bern.
- Poznań. Tow. Przyj. Nauk Prace Kom. biol.** Poznańskie Towarzystwo Przyjaciół Nauk. Prace Komisji Biologicznej. Poznań, Poland.
- Prace Dział. Zyw. Rośl. Nawoż.** Prace Działu Zywienia Roślin i Nawożenia. Warszawa.
- Prace Inst. Gosp. komun.** Prace Instytutu Gospodark; Komunalnej.
- Prace Inst. Sadown. Skierniewice.** Prace Instytutu Sadownictwa w Skierniewicach. Warszawa.
- Pracé vyz. Ust. lesn. ČSR.** Pracé Vyzkumných Ústavů Lesníkůých ČSR. Praha.
- Pract. Pwr Fmg.** Practical Power Farming. Cambridge.
- Prakt. Bl. PflBau.** Praktische Blätter für Pflanzenbau u. Pflanzenschutz. München.
- Pratsi odyes'k. Univ. Pratsi Odes'koho Derzhavnoho Universitetu im. I.I. Mechnikova.** Odessa.
- Praxis u. Forsch.** Praxis und Forschung. Oldenburg, Germany.
- Praxis u. Forsch. fortschrittli. Landw.** Praxis und Forschung für den fortschrittlichen Landwirt. Oldenburg, Germany.
- Premier Congr. sci. int. Tabac.** Premier Congrès Scientifique International du Tabac. Paris.
- Preslia.** Věstník České Botanické Společnosti. Praha.
- Primen. Izotop. Tekhn. Biol. sel. Khoz.** Primenenie Izotopov v Tekhnike, Biologii i Sel'skom Khoz-yaistve. Moskva.
- Priroda Moskva.** Moskva.
- Primen. radioaktiv. Izotop. Prom. Medits. sel. Khoz. Akad. Nauk.** Primenenie Radioaktivnykh Izotopov v Promyshlennosti, Meditsine i Sel'skom Khoz-yaistve. Akademiiya Nauk S.S.S.R. Moskva.
- Probl. agric.** Probleme Agricole.
- Proc. amer. Soc. hort. Sci.** Proceedings. American Society for Horticultural Science. College Park, Md.
- Proc. Bihar Acad. agric. Sci.** Proceedings of the Bihar Academy of Agricultural Sciences. Bihar, India.
- Proc. brit. W. Ind. Meet. Sug. Tech.** Proceedings of the Meeting of Sugar Technologists. (British West Indies Sugar Association.) Port-of-Spain.
- Proc. Conf. Soil Moisture D.S.I.R. (New Zealand) Inform. Ser.** Proceedings of the Conference on Soil Moisture. New Zealand Department of Scientific and Industrial Research. Information Series. Wellington.
- Proc. Crop Sci. Soc. Japan.** Proceedings of the Crop Science Society of Japan. Tokyo.
- Proc. eighth silv. Conf. Dehra Dun.** Proceedings of the 8th Silvicultural Conference, Dehra Dun. Forest Research Institute. Dehra Dun, U.P., India.
- Proc. Fertil. Soc.** Proceedings of the Fertiliser Society. London.
- Proc. fifth nat. Conf. Clays Clay Min.** Proceedings of the Fifth National Conference on Clays and Clay Minerals. Washington.
- Proc. first Conf. Tob. Res. Workers.** Proceedings of the first Conference of Tobacco Research Workers. Bangalore, India.
- Proc. Fla hort. Soc.** Proceedings of the Florida State Horticultural Society. Deland.
- Proc. 14th northcent. Weed Control Conf.** Proceedings of the Fourteenth North Central Weed Control Conference. Lincoln, Neb.

- Proc. fourth nat. Conf. Clays Clay Min.** Proceedings of the Fourth National Conference on Clay and Clay Minerals. Washington.
- Proc. Indian Acad. Sci.** Proceedings of the Indian Academy of Sciences. Bangalore.
- Proc. Indiana Acad. Sci.** Proceedings of the Indiana Academy of Science. Indianapolis.
- Proc. int. Conf. Peaceful Uses Atomic Energy.** Proceedings of the International Conference on the Peaceful Uses of Atomic Energy. Geneva 1955. New York.
- Proc. int. Soc. Sug. Cane Tech.** Proceedings. International Society of Sugar Cane Technologists. Havana.
- Proc. int. Symp. Soil Struct.** Proceedings of the International Symposium on Soil Structure. Ghent, Belgium.
- Proc. Iowa Acad. Sci.** Proceedings of the Iowa Academy of Science. Des Moines.
- Proc. Iraqi sci. Soc.** Proceedings of the Iraqi Scientific Societies. Baghdad.
- Proc. Linn. Soc. N.S.W.** Proceedings of the Linnean Society of New South Wales. Sydney.
- Proc. N. Dak. Acad. Sci.** Proceedings of the North Dakota Academy of Science. Grand Forks.
- Proc. nat. Acad. Sci. India.** Proceedings of the National Academy of Sciences, India. Allahabad.
- Proc. nat. Acad. Sci. Wash.** Proceedings of the National Academy of Sciences of the United States of America. Washington.
- Proc. nat. Inst. Sci. India.** Proceedings of the National Institute of Sciences of India. Calcutta.
- Proc. northeast. Weed Control Conf.** Proceedings of the Annual Meeting Northeastern Weed Control Conference. New Brunswick, Canada.
- Proc. Nutr. Soc.** Proceedings of the Nutrition Society. London.
- Proc. Pa Acad. Sci.** Proceedings of the Pennsylvania Academy of Science. Harrisburg.
- Proc. prehist. Soc.** Proceedings of the Prehistoric Society. Oxford.
- Proc. Qd Soc. Sug. Cane Tech.** Proceedings of the Queensland Society of Sugar Cane Technologists. Mackay.
- Proc. roy. Irish Acad.** Proceedings. Royal Irish Academy. Dublin.
- Proc. roy. Soc.** Proceedings of the Royal Society. London.
- Proc. roy. Soc. Vict.** Proceedings of the Royal Society of Victoria. Melbourne.
- Proc. S. afr. Sug. (Tech.) Ass.** Proceedings of the Annual Congress of the South African Sugar (Technologists) Association. Mount Edgecombe, Natal.
- Proc. S. Dak. Acad. Sci.** Proceedings of the South Dakota Academy of Sciences. Vermillion.
- Proc. 17th annu. Meet. Fla Mango Forum.** Proceedings of the Seventeenth Annual Meeting, Florida Mango Forum.
- Proc. sixth nat. Conf. Clays Clay Min.** Proceedings of the Sixth National Conference on Clays and Clay Minerals. Berkeley, Calif.
- Proc. Soc. amer. For.** Proceedings of the Society of American Foresters. Washington.
- Proc. Soc. Antiqu. Scotl.** Proceedings of the Society of Antiquaries of Scotland. Edinburgh.
- Proc. tenth int. Congr. Ent. Montreal.** Proceedings of the Tenth International Congress of Entomologists. Montreal.
- Proc. tenth Meet. nat. Weed Cttee.** Proceedings of the Tenth Meeting National Weed Committee. Ottawa.
- Proc. 30th Congr. S. afr. Sug. Tech. Ass.** Proceedings of the Thirtieth Congress of the South African Sugar Technologists' Association. Mount Edgecombe, Natal.
- Proc. 34th annu. Meet nat. Cttee Fertil. Appl.** Proceedings of the Thirty-fourth Annual Meeting of the National Joint Committee on Fertilizer Application. Washington.
- Proc. 32nd annu. Meet. nat. Cttee. Fertil. Appl.** Proceedings of the Thirty-second Annual Meeting of the National Joint Committee on Fertilizer Application. Washington.
- Proc. 32nd Congr. S. afr. Sug. Tech. Ass.** Proceedings of the Thirty-second Annual Congress of the South African Sugar Technologists' Association (Durban). Mount Edgecombe, Natal.
- Proc. 37th annu. Meet. west. Div. amer. Dairy Sci. Ass.** Proceedings of the Thirty-seventh Annual Meeting Western Division American Dairy Science Association. Corvallis, Ore.

- Proc. 33rd annu. Meet. nat. Cttee Fertil. Appl.** Proceedings of the Thirty-third Annual Meeting of the National Joint Committee on Fertilizer Application. Washington.
- Proc. twelfth annu. Res. Conf. Calif. Fig Inst.** Proceedings of the Twelfth Annual Research Conference of the Californian Fig Institute.
- Proc. Univ. Nottingham fifth Easter Sch. agric. Sci.** Nutrition of the Legumes. Proceedings of the University of Nottingham Fifth Easter School in Agricultural Science. London.
- Proc. Univ. Nottingham fourth Easter Sch. agric. Sci.** Control of the Plant Environment. Proceedings of the University of Nottingham Fourth Easter School of Agricultural Science. London.
- Proc. Wash. St. hort. Ass.** Proceedings of the Washington State Horticultural Association. Washington.
- Prod. Mon.** Producers Monthly. Bradford, Pa.
- Proefsta. Fruitteelt Wilhelminadorp Jaarversl.** Proefstation voor de Fruitteelt in the Volle Grond, Wilhelminadorp by Goes. Jaarverslag.
- Progr. agric.** Progresso Agricole. Bologna, Italy.
- Przegl. ogrodn.** Przegląd Ogrodniczy. Warszawa.
- Przem. chem.** Przemysł Chemiczny. Warszawa.
- Pubbl. Cent. Sper. agric.** Pubblicazione del Centro di Sperimentazione Agricola e Forestale. Roma.
- Publ. Hlth Reps Wash.** Public Health Reports. Washington.
- Publ. Inst. Biol. aplic.** Publicaciones del Instituto de Biología Aplicada. Barcelona.
- Publ. Inst. nat. agron. Congo Belge., Sér. sci., Sér. tech.** Publications de l'Institut National pour l'Étude Agronomique du Congo Belge. Série Scientifique. Série Technique. Bruxelles.
- Publ. tech. Inst. Belge Amélior. Better.** Publications Techniques de l'Institut Belge pour l'Amélioration de la Betterave. Tirlemont.
- Puerto Rico agric. Exp. Sta., Bull., tech. Pap.** Puerto Rico Agricultural Experiment Station. Bulletin. Technical Paper. Rio Piedras.
- Purdue agric. Exp. Sta., Bull., Insp. Rep.** Purdue University Agricultural Experiment Station. Bulletin. Inspection Report. Lafayette, Indiana.
- Pwr Fmg Aust.** Power Farming in Australia and New Zealand. Sydney.
- Pwr Fmg Mich.** Power Farming. St. Joseph, Mich.
- Qd agric. J.** Queensland Agricultural Journal. Brisbane.
- Qd Bur. Investig. tech. Bull.** Queensland. Bureau of Investigation. Technical Bulletin. Brisbane.
- Qd J. agric. Sci.** Queensland Journal of Agricultural Science. Brisbane.
- Qual. Plant. Mater. veg.** Qualitas Plantarum et Materiae Vegetabiles. 's Gravenhage.
- Quart. J. For.** Quarterly Journal of Forestry. London.
- Quart. J. roy. met. Soc.** Quarterly Journal of the Royal Meteorological Society. London.
- Quart. Rev. Biol.** Quarterly Review of Biology. Baltimore.
- Quebec Minist. Agric. Bull. tech. Div. Sols.** Province de Quebec. Ministère de l'Agriculture. Bulletin Technique. Division des Sols. Quebec.
- R.A.E.** Review of Applied Entomology. London.
- R.A.M.** Review of Applied Mycology. Kew.
- R.C. Accad. Lincei.** Rendiconti dell'Accademia Nazionale dei Lincei. (Classe di Scienze Fisiche, Matematiche e Naturali.) Roma.
- R. Zh. (Biol.).** Referativnyi Zhurnal. Biologiya. Moskva.
- Rad. Jugosl. akad. znan. umjetn.** Radovi. Jugoslovenska Akademija Znanosti i Umjetnosti.
- Rad. Poljopr. fak. Univ. Sarajevu.** Radovi Poljoprivredno Sumarskog Fakulteta Univerziteta U Sarajevu. Sarajevo, Yugoslavia.
- Radiation Res.** Radiation Research. New York.
- Rec. geol. Surv. Tanganyika.** Records of the Geological Survey of Tanganyika Territory. Dar es Salaam.
- Rec. geol. Surv. Uganda.** Records of the Geological Survey Department Uganda. Entebbe.

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- Rec. Res. Fac. Agric. Tokyo.** Records of Researches in the Faculty of Agriculture, University of Tokyo. Tokyo.
- Reclam. Melior.** Reclamation and Melioration. Tokyo.
- Ref. nauch.-issled. Rabot Khlopkov. Tashkent Akad. Nauk uzbek. SSR.** Referaty Nauchno-Issledovatel'skikh Rabot po Khlopkovodstvu Akademii Nauk Uzbekskoi S.S.R. Tashkent.
- Regional Res. Cent. ICTA Trinidad.** Regional Research Centre of the British Caribbean at the Imperial College of Tropical Agriculture. Trinidad.
- Rend. Seminar. Fac. Szi. Univ. Cagliari.** Rendiconti del Seminario della Facoltà di Scienze della Università di Cagliari, Sardinia.
- Rep. cent. St. For. Exp. Sta.** Report Central States Forest Experiment Station. Columbus, Ohio.
- Rep. Cocoa Conf. Lond.** Report of Cocoa Conference. London.
- Rep. Cocon. Res. Bd Cocon. Res. Inst. Ceylon.** Annual Report of the Coconut Research Board of the Coconut Research Institute. Colombo.
- Rep. Conf. Directors Overseas Dep. Agric. colon. Off. Misc.**
- Rep. For. Dep. W. Aust.** Report. Forests Department of Western Australia. Perth.
- Rep. For. Res. Lond.** Report on Forest Research. London.
- Rep. Hawaii. Sug. Technol.** Reports of the Hawaiian Sugar Technologists. Honolulu.
- Rep. Inst. agric. Res. Tôhoku Univ.** Report of the Institute for Agricultural Research, Tôhoku University. Sendai, Japan.
- Rep. Jute agric. Res. Inst.** Report of the Jute Agricultural Research Institute. Calcutta.
- Rep. Makerere geogr. Symp.** Report of the Makerere Geographical Symposium. International Geographical Union. London.
- Rep. Progr. appl. Chem.** Report of the Progress of Applied Chemistry. London.
- 38th Rep. Quebec Soc. Prot. Pl.** Thirty-eighth Report of the Quebec Society for the Protection of Plants. Quebec.
- Rep. Rothamst. exp. Sta.** Report of Rothamsted Experimental Station. Harpenden, England.
- Rep. Smithson. Instn.** Report of the Board of Regents of the Smithsonian Institution. Washington.
- Rep. Soils Chem. Sect. Dep. Agric. Cyprus.** Report Soils Chemistry Section Department of Agriculture of Cyprus. Nicosia.
- Rep. Taiwan Sug. Exp. Sta.** Report of the Taiwan Sugar Experiment Station. Taiwan, China.
- Res. appl. Industr.** Research Applied in Industry. London.
- Res. Bull. Fac. Agric. Gifu Univ.** Research Bulletin of the Faculty of Agriculture, Gifu University. Naka-machi, Gifu Prefecture, Japan.
- Res. Bull. Hokkaido nat. agric. Exp. Sta.** Research Bulletin of the Hokkaido National Agricultural Experiment Station. Sapporo, Japan.
- Res. exp. Rec. Minist. Agric. N. Ireland.** Research and Experimental Record of the Ministry of Agriculture, Northern Ireland. Belfast.
- Res. Note U.B.C. For. Cl.** Research Note University of British Columbia Forest Club. Vancouver.
- Res. Rep. nat. Weed Cttee west. Sect. Vict. B.C.** Research Report. National Weed Committee. Western Section, Victoria, B.C. Ottawa.
- Research Lond.** Research. London.
- III Reun. interamer. Fitogenet. Fitopatol. Ent. Edafol.** III Reunión Interamericana de Fitogenetistas, Fitopatologos, Entomologos y Edafologos. Bogota, Colombia.
- Rev. agric. Afr. N.** Revue Agricole de l'Afrique du Nord. Alger.
- Rev. Agric. Brux.** Revue de l'Agriculture. Bruxelles.
- Rev. Agric. Piracicaba.** Revista de Agricultura. Piracicaba.
- Rev. Agric. S. Paulo.** Revista de Agricultura. São Paulo.
- Rev. agric. suc. Maurice.** Revue Agricole et Sucrière de l'Île Maurice. Port Louis.
- Rev. agron. Noroeste argent.** Revista Agronomica del Noroeste Argentino. Tucuman.
- Rev. appl. Mycol. (see also): R.A.M.** Review of Applied Mycology. London.
- Rev. argent. Agron.** Revista Argentina de Agronomia. Buenos Aires.
- Rev. Asoc. Ing. agron. Montevideo.** Revista de la Asociación de Ingenieros Agronomos. Montevideo.
- Rev. brasil. biol.** Revista Brasileira de Biologia. Rio de Janeiro.

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- Rev. Chim. Bucharest.** Revue de Chimie. Académie de la République Populaire Roumanie. Bucaresti.
- Rev. Chim. Lisboa.** Revista de Chimica Pura e Aplicada. Lisboa.
- Rev. Cienc. apl.** Revista de Ciencia Aplicada. Madrid.
- Rev. Fac. Agric. Univ. cent. Venezuela.** Revista de la Facultad de Agricultura de la Universidad Central de Venezuela. Maracay.
- Rev. Fac. Agron. La Plata.** Revista de la Facultad de Agronomía (y Veterinaria). La Plata, Argentina.
- Rev. Fac. Agron. Venezuela.** Revista de la Facultad de Agronomía, Universidad Central de Venezuela. Maracay.
- Rev. for. franç.** Revue Forestière Française. Nancy.
- Rev. gén. Bot.** Revue Générale de Botanique. Paris.
- Rev. Géogr. alp.** Revue de Géographie Alpine. Grenoble, France.
- Rev. hort. Paris.** Revue Horticole. Paris.
- Rev. int. Tabacs.** Revue Internationale des Tabacs. Paris.
- Rev. Oka.** Revue d'Oka, Agronomie, Médecine, Vétérinaire. La Trappe, P. Q. Canada.
- Rev. Padürilor.** Revistă Padürilor. Bucaresti.
- Rev. Pathol. Physiol. clin.** Revue de Pathologie et de Physiologie Clinique. Paris.
- Rev. Prod. chim.** Revue des Produits Chimiques (et l'Actualité Scientifique Réunis). Paris.
- Rev. rom. Agric.** Revue Romande d'Agriculture, de Viticulture et d'Arboriculture. Lausanne.
- Rev. Zool. agric.** Revue de Zoologie Agricole et Appliquée. Bordeaux, Talence.
- Rhod. agric. J.** Rhodesia Agricultural Journal. Salisbury.
- Rhod. Tob.** Rhodesian Tobacco. Salisbury.
- Rhododendron & Camellia Ybk.** Rhododendron and Camellia Yearbook.
- Ric. fitop. Campan.**
- Ric. sci.** Ricerca Scientifica. Roma.
- Rit Landbúnao.** Rit Landbúnaoardeildar, Atvinnudeild Háskólans. Reykjavik, Iceland.
- Riv. Agric. subtrop.** Rivista di Agricoltura. Subtropicale e Tropicale. Firenze.
- Riv. int. Agric.** Rivista Internazionale di Agricoltura. Milano.
- Riv. Ortoflorofruttic. ital.** Rivista della Ortoflorofrutticoltura Italiana. Firenze.
- Riz Rizicult.** Riz et Riziculture & Cultures Vivrières Tropicales. Paris.
- Roczn. glebozn.** Roczniki Gleboznawcze. Warszawa.
- Roczn. Nauk rol.** Rocznik Nauk Rolniczych (i Lesnych). Kraków.
- Roy. met. Soc. canad. Branch.** Royal Meteorological Society. Canadian Branch.
- Rozpravy čsl. Akad. Věd Řada mat. přírod. Věd.** Rozpravy Československé Akademie Věd, Řada Matematických a Přírodních Věd. Praha.
- Rubb. Res. Inst. Ceylon, adv. Circ., quart. Circ.** Rubber Research Institute of Ceylon. Advisory Circular. Quarterly Circular. Colombo.
- S. Afr. Dep. Agric., Bull., Sci. Bull.** Union of South Africa. Department of Agriculture and Forestry. Bulletin. Science Bulletin. Pretoria.
- S. afr. industr. Chem.** South African Industrial Chemist. Johannesburg.
- S. afr. J. agric. Sci.** South African Journal of Agricultural Science. Pretoria.
- S. afr. Sug. J.** South African Sugar Journal. Durban.
- S. afr. Sug. Yearb.** South African Sugar Yearbook. Durban.
- S. Dak. agric. Exp. Sta. Circ.** South Dakota Agricultural Experiment Station. Circular. Brookings.
- S. east. For. Exp. Sta. Sta. Pap.** Southeastern Forest Experiment Station. Station Paper. Asheville, N.C.
- S.-kh. Eroz. Borba.** Sel'skokhozyaistvennaya Eroziya i Borba c Nei. Moskva.
- Sad i Ogorod.** Moskva.
- Sadov. Vinograd. Vinodel. Moldavii.** Sadovodstvo Vinogradarstvo i Vinodelie Moldavii. Kishinev.
- Sakh. Svekla.** Sakharnaya Svekla. Moskva.
- Samvirke.** Oslo.
- Sborn. čsl. Akad. zeměd. Věd.** Sborník Československé Akademie Zemědělských Věd. Praha.
- Sborn. čsl. Akad. zeměd. Věd. (Lesn.)** Sborník Československé Akademie Zemědělských Věd (Lesnictví). Praha.

- Sborn. čsl. Akad. zeměd. Věd** (Rostl. Výroba). Sborník Československé Akademie Zemědělských Věd (Rostlinná Výroba). Praha.
- Sborn. cukrovar. řepářské Konf.** Praha. Sborník Cukrovarnicko-řepářské Konference v Praze. Praha.
- Sborn. nauch.-issled. Rabot azovochernomor. s.-kh. Inst.** Sborník Nauchno-Issledovatel'skikh Rabot Azovo-Chernomorskogo Sel'sko-Khozyaistvennogo Instituta. Persyanovka.
- Sborn. nauch.-issled. Rabot Novocherkassk.** Sborník Nauchno-Issledovatel'skikh Rabot. Novocherkassk.
- Sborn. nauch. Rabot kazan. gosudarst. med. Inst.** Sborník Nauchnykh Rabot Kazanskogo Gosudarstvennogo Meditsinskogo Instituta. Kazan.
- Sborn. nauch. Rabot. l'vov. nauch.-issled. Inst. Epidemiol. Mikrobiol. Gigieny.** Sborník Nauchnoy Raboty L'vovskogo Nauchno-Issledovatel'skogo Instituta Epidemiologii Mikrobiologii i Gigieny. L'vov.
- Sborn. nauch. Rabot moskov. Inst.** Sborník Nauchnykh Rabot, Moskovskii Institut Nauchnogo Khozyaistva imeni G. V. Plekhanova. Moskva.
- Sborn. nauch. Rabot Primen. Udobr. Khlop.** Sborník Nauchnykh Rabot po Primeneniyu Udobreniy pod Khlopchatnik, Tashkent.
- Sborn. nauch. Trud. Inst. sotsial. s.-kh. Akad. Nauk belorus. SSR.** Sborník Nauchnykh Trudov Instituta Sotsialisticheskoi Sel'sko-Khozyaistvennoi Akademii Nauk Beloruskoi S.S.R. Minsk.
- Sborn. nauch. Trud. ivanov. s.-kh. Inst.** Sborník Nauchnykh Trudov Ivanovskogo Sel'sko-Khozyaistvennogo Instituta. Ivanova.
- Sborn. Rabot tsent. Muz. Pochvoved. Dokuchaeva.** Sborník Rabot Tsentral'nogo Muzeya Pochvovedeniya imeni V.V. Dokuchaeva (Akademiya Nauk S.S.S.R.). Moskva-Leningrad.
- Sborn. stud. nauch.-issled. Rabot ukrain. s.-kh. Akad.** Sborník Studencheskikh Nauchno-Issledovatel'skikh Rabot Ukrainskoi Sel'sko-Khozyaistvennoi Akademii. Kiev.
- Sborn. Trud. lesn. Kh. (ural. lesotekhn. Inst.).** Sborník Trudov po Lesnomu Khozyaistvu (Ural'skii Lesotekhnicheskii Institut). Sverdlovsk.
- Sborn. Trud. novocherkassk. melior. Inst.** Sborník Trudov Novocherkasskogo Inzhynerno-Meliorativnogo Instituta. Novocherkassk.
- Sborn. Trud. penzen. s.-kh. Inst.** Sborník Trudov Penzenskogo Sel'sko-Khozyaistvennogo Instituta. Penza.
- Sborn. Trud. yuzhn. nauch.-issled. Inst. Gidrotekh. Melior.** Sborník Trudov Yuzhnogo Nauchno-Issledovatel'skogo Instituta Gidrotekhniki i Melioratsii. Novocherkassk.
- Sborn. vys. prac.** Sborník Výzkumných Prací z Oboru Celulosa a Papíru. Bratislava, Czechoslovakia.
- Sborn. vys. Škol. Zeměd. Lesn. Fak. Brně.** Sborník Vysoké Školy Zemědělské a Lesnické Fakulty v Brně. Brno, Czechoslovakia.
- Sborn. vys. Škol. Zeměd. Praha.** Sborník Vysoké Školy Zemědělské v Praze. Praha.
- Schweiz. landw. Mh.** Schweizerische Landwirtschaftliche Monatshefte. Bern-Bümpliz.
- Schweiz. min. petrogr. Mitt.** Schweizerische Mineralogische und Petrographische Mitteilungen. Bern.
- Schweiz. Z. Forstw.** Schweizerische Zeitschrift für Forstwesen. Bern.
- Schweiz. Z. Obst u. Weinb.** Schweizerische Zeitschrift für Obst- und Weinbau. Frauenfeld, Wädenswil.
- Sci. Bull. A'in Shams Univ. Cairo.** Science Bulletin A'in Shams University. Cairo.
- Sci. & Cult.** Science and Culture. Calcutta.
- Sci. Hort.** Scientific Horticulture. Wye, England.
- Sci. Libr. bibliogr. Ser.** Science Library Bibliographical Series. London.
- Sci. N.Z.** Science in New Zealand. Wellington.
- Sci. Progr. Lond.** Science Progress. London.
- Sci. Rep. Fac. Agric. Okayama Univ.** Scientific Report of the Faculty of Agriculture Okayama University. Okayama, Japan.
- Sci. Rep. Hyogo Univ. Agric.** Science Reports of the Hyogo University of Agriculture. Hyogo, Japan.
- Sci. Rep. Saikyo Univ.** Scientific Reports of the Saikyo University. Faculty of Agriculture. Kyoto, Japan.
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- Sekkô to Sekkai.** Tokyo.
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- Sel. Khoz. Povolzh'ya.** Sel'skoe Khoz-yaistvo Povolzh'ya. Saratov.
- Sel. Khoz. Sibiri.** Sel'skoe Khoz-yaistvo Sibiri. Omsk.
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- Seventh Symp. Soc. gen. Microbiol.** Seventh Symposium of the Society for General Microbiology. Cambridge.
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- Shiga Kenritsu Nôgyô Tankidai-gaku, Gakujutsu Hôkoku.** (see): Sci. Rep. Shiga agric. Coll.
- Shikoku Acta Med.** Shikoku Acta Medica. Tokushima University School of Medicine. Tokushima, Japan.
- Silicates industr.** Silicates Industriels. Bruxelles.
- Skogen.** Stockholm.
- Skr. K. Skogshögsk. Stockh.** Skrif-ter Kungliga Skogshögskolan. Stock-holm.
- Skr. Univ. zool. Mus. København.** Skrifter udgivet af Universitets Zoologiske Museum København. København.
- Soc. Sci. nat. Maroc Trav. Sect. Pédol.** Société des Sciences Naturelles du Maroc. Travaux de la Section de Pédologie. Rabat.
- Socker.** Malmö, Sweden.
- Soil Conserv.** Soil Conservation. Washington.
- Soil Conserv. Coun. N.Z.** Soil Conservation and Rivers Control Council, New Zealand. Wellington.
- Soil Crop Sci. Soc. Fla Proc.** (formerly): Soil Sci. Soc. Fla Proc. Soil Crop Science Society of Florida. Proceedings. Belle Glade.
- Soil & Plant Food.** Soil and Plant Food. Tokyo.
- Soil Sci.** Soil Science. New Bruns-
wick, N.J.
- Soil Sci. Soc. Amer. Proc.** Soil Science Society of America. Pro-ceedings. Madison, Wisc.
- Soil Sci. Soc. China Rep. sixth int. Congr. Soil Sci.** Soil Science Society of China. Report for 6th International Congress of Soil Science. Peking.
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- Soils & Fert.** Soils and Fertilizers. Harpenden, England.
- Soils Fert. Taiwan.** Soils and Ferti-
lizers in Taiwan. Taipei.
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- Soobshch. Akad. Nauk gruzin. SSR.** Soobshchenii Akademii Nauk Gruzin-
skoi S.S.R. Tbilisi.
- Soobshch. Inst. Lesa Akad. Nauk.** Soobshcheniya Instituta Lesa Aka-
demii Nauk S.S.S.R. Moskva.
- Soobshch. sakhalin. Fil. Akad. Nauk.** Soobshcheniya Sakhalin-
skogo Filiala Akademii Nauk. Yuzhno-Sakhalinsk.
- Soobshch. sakhalin. kompleks. nauch.-issled. Inst. Akad. Nauk.** Soobshcheniya Sakhalinskogo Kom-
pleksnogo Nauchno-Issledovatel'-
skogo Instituta Akademii Nauk
S.S.S.R. Yuzhno-Sakhalinsk.
- Sotsial. sel. Khoz.** Sotsialisticheskoe
Sel'skoe Khoz-yaistvo. Moskva.
- Sotsial. sel. Khoz. Azerbaidzhana.** Sotsialisticheskoe Sel'skoe Khoz-
yaistvo Azerbaidzhana. Baku.
- Sotsial. sel. Khoz. Uzbekistana.** Sotsialisticheskoe Sel'skoe Khoz-
yaistvo Uzbekistana. Tashkent.
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Physics—Technical Physics. (Trans-
lation of the Journal of Technical
Physics of the Academy of Science
of the U.S.S.R.). New York.
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cultural News. London.
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miya Univ.** Special Bulletin of the
College of Agriculture, Utsunomiya
University. Utsunomiya, Japan.
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Exp. Sta.** Special Report of the
Government Forest Experiment Sta-
tion. Hokkaido Branch Station.
Sapporo, Japan.

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- St. JordbrFörs. Medd.** Statens Jordbruksförsök Meddelande. Stockholm.
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- Sth. Cameroons Prod. Developm. Bd Publ.** Southern Cameroons Production Development Board. Publication. Victoria, S.C.
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- Storrs agric. Exp. Sta. Bull.** Storrs Agricultural Experiment Station. Bulletin. Storrs, Conn.
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- Stud. sassar.** Studi Sassarezi. Annali della Facoltà de Agraria dell' Università di Sassari. Sassari, Sardinia.
- Stud. Inst. Hort. Kyoto.** Studies from the Institute of Horticulture Kyoto University. Kyoto, Japan.
- Student. nauk. Pratsi kiiv. Univ.** Students'ki Naukovi Pratsi Kiiv'skii Derzhavnii Universitet. Kiev.
- Süddtsch. ErwGärtn.**
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- Suom. Kemistilehti.** Suomen Kemistilehti. Helsinki.
- Suom. Maataloust. Seur. Aikakausk.** Suomen Maataloustieteellisen Seuran Aikakauskirja. Helsinki.
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- Sver. pomol. Fören. Årsskr.** Sveriges Pomologiska Förenings Årsskrift. Stockholm.
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- Tech. Bull. Kagawa agric. Coll.** Technical Bulletin of the Kagawa Agricultural College, Kagawaken, Japan.
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- Trudý aralo-kaspiisk. Komplexn. Expeditsii Akad. Nauk.** Trudý Aralo-Kaspiiskoi Kompleknoi Ekspeditsii Akademii Nauk S.S.S.R.
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- Trudý bashkir. s.-kh. Inst.** Trudý Bashkirskogo Sel'sko-Khozyaistvennogo Instituta. Ufa.
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- Trudý chkalov. nauch.-issled. Inst. molochno-myasn. Skotovod.** Trudý Chkalovskii Nauchno-Issledovatel'skogo Institut Molochno-Myasnogo Skotovodstva.
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- Trudý Inst. Mikrobiol. Akad. Nauk latv. SSR.** Trudý Instituta Mikrobiologii Akademii Nauk Latviiškoii S.S.R. Riga.
- Trudý Inst. Mikrobiol. Virusol. Akad. Nauk kazakh. SSR.** Trudý Instituta Mikrobiologii i Virusologii Akademii Nauk Kazakhskoi S.S.R. Alma-Ata.

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- Trudý Inst. Pochvoved. Akad. Nauk gruzin. SSR.** Trudý Instituta Pochvovedeniya Akademii Nauk Gruzinskoj S.S.R. Tiflis.
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- Trudý Inst Pochvoved. Akad. Nauk uzbek. SSR.** Trudý Instituta Pochvovedeniya Akademii Nauk Uzbekskoj S.S.R. Tashkent.
- Trudý Inst. Pochvoved. Melior. Irrig. Akad. Nauk tadzhik. SSR.** Trudý Instituta Pochvovedeniya Melioratsii i Irrigatsii Akademii Nauk Tadzhikskoj S.S.R. Stalinabad.
- Trudý Inst. Polevod. Akad. Nauk gruzin. SSR.** Trudý Instituta Polevodstva Akademii Nauk Gruzinskoj S.S.R. Tbilisi.
- Trudý Inst. vod. Kh. Energ. Akad. Nauk kirgiz. SSR.** Trudý Instituta Vodnogo Khozyastva i Energii Akademii Nauk Kirgizkoj S.S.R. Frunze.
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- Trudý Inst. Zemled. Akad. Nauk turkmen. SSR.** Trudý Instituta Zemledeliya Akademii Nauk Turkmenskoj S.S.R.
- Trudý kar.-finsk. Fil. Akad. Nauk.** Trudý Karelo-Finskogo Filiala Akademii Nauk S.S.S.R. Petrozavodsk.
- Trudý karel. Fil. Akad. Nauk.** Trudý Karel'skogo Filiala Akademii Nauk S.S.S.R. Petrozavodsk.
- Trudý kazakh. gidrometeorol. Inst.** Trudý Kazakhskogo Nauchno-Issledovatel'skogo Gidrometeorologicheskogo Instituta. Leningrad.
- Trudý kazan. Fil. Akad. Nauk Ser. Biol.** Trudý Kazanskogo Filiala Akademii Nauk S.S.S.R. Seriya Biologicheskaya. Kazan.
- Trudý khar'kov. farmatsevt. Inst.** Trudý Khar'kovskogo Farmatsevticheskogo Instituta.
- Trudý kirgiz. nauch.-issled. Inst. Zemled.** Trudý Kirgizskogo Nauchno-Issledovatel'skogo Instituta Zemledeliya. Frunze.
- Trudý kirgiz. opýt.-selekt. Stants. sakhar. Svekl.** Trudý Kirgizkoj Opýtno-selektsionnoj Stantsii po Sakharnoj Svekle. Frunze.
- Trudý kirgiz. s.-kh. Inst.** Trudý Kirgizskogo Sel'sko-Khozyaistvennogo Instituta. Frunze.
- Trudý kishinev. s.-kh. Inst.** Trudý Kishinevskogo Sel'sko-Khozyaistvennogo Instituta. Kishinev.
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- Trudý kostrom. s.-kh. Inst.** Trudý Kostromskogo Sel'sko-Khozyaistvennogo Instituta. Kostroma.
- Trudý krým. gosudarst. kompleks. s.-kh. opýt. Stants.** Trudý Krýmskoj Gosudarstvennoj Kompleksnoj Sel'sko-Khozyaistvennoj Opýtnoj Stantsii. Simferopol.
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- Trudý latv. s.-kh. Inst.** Trudý Latviiskogo Sel'sko-Khozyaistvennogo Instituta. Riga.
- Trudý leningrad. lesotekhn. Akad.** Trudý Leningradskoj Lesotekhnicheskoi Akademii im S.M. Kirova. Leningrad.
- Trudý lesn. Khoz. zapad. Sibiri** Trudý po Lesnomu Khozyaistvu Zapadnyj Sibiri.
- Trudý molotov. s.-kh. Inst.** Trudý Molotovskogo Sel'sko-Khozyaistvennogo Instituta. Molotov.
- Trudý moskov. tekhnol. Inst. pishch. Promýsh.** Trudý Moskovskogo Tekhnologicheskogo Instituta Pishchennoj Promýshlennosti. Moskva.
- Trudý nauch.-issled. Inst. sel. Khoz. kraín. Severa.** Trudý Nauchno-Issledovatel'skogo Instituta Sel'skogo Khozyaistva Kraínego Severa.
- Trudý novosibir. s.-kh. Inst.** Trudý Novosibirskogo Sel'sko-Khozyaistvennogo Instituta. Novosibirsk.
- Trudý odes. gidrometeorol. Inst.** Trudý Odesskogo Gidrometeorologicheskogo Instituta. Moskva.
- Trudý odes. Univ. Ser. khem. Nauki.** Trudý Odesskogo Universiteta Seriya Khemicheskie Nauki. Odessa.

- Trudý om. s.-kh. Inst.** Trudý Omskogo Sel'sko-Khozyaistvennogo Instituta. Omsk.
- Trudý Otd. Pochvoved. Akad. Nauk kirgiz. SSR.** Trudý Otdela Pochvovedeniya Akademii Nauk Kirgizskoi S.S.R. Frunze.
- Trudý Otd. Pochvoved. dagestan. Fil. Akad. Nauk.** Trudý Otdela Pochvovedeniya Dagestanskogo Filiala Akademii Nauk S.S.S.R. Makhachkala.
- Trudý pochv. Inst. Dokuchaeva.** Trudý Pochvennogo Instituta Imeni V.V. Dokuchaeva, Akademiya Nauk S.S.S.R. Moskva-Leningrad.
- Trudý poltav. s.-kh. Inst.** Trudý Poltavskogo Sel'sko-Khozyaistvennogo Instituta. Poltava.
- Trudý radiev. Inst. Akad. Nauk.** Trudý Radievogo Instituta Akademii Nauk S.S.S.R. Moskva.
- Trudý saratov. s.-kh. Inst.** Trudý Saratovskogo Sel'sko-Khozyaistvennogo Instituta. Saratov.
- Trudý 6 Sessii Akad. Nauk turkmen. SSR.** Trudý 6-i Sessii Akademii Nauk Turkmenskoi S.S.R. Ashkhabad.
- Trudý severn. nauch.-issled. Inst. Gidrotekh. Melior.** Trudý Severnogo Nauchno-Issledovatel'skogo Instituta Gidrotekhniki i Melioratsii.
- Trudý severo-osetin. nauch.-issled. Inst. Gidrotekh. Melior.** Trudý Severo-Osetinskogo Nauchno-Issledovatel'skogo Instituta Gidrotekhniki i Melioratsii.
- Trudý severo-osetin. s.-kh. Inst.** Trudý Severo-Osetinskogo Sel'sko-Khozyaistvennogo Instituta. Dzau-dzhikau.
- Trudý sibir. lesotekh. Inst.** Trudý Sibirskogo Lesotekhnicheskogo Instituta. Krasnoyarsk.
- Trudý stavropol. s.-kh. Inst.** Trudý Stavropolskogo Sel'sko-Khozyaistvennogo Instituta. Stavropol.
- Trudý sukhum. bot. Sada.** Trudý Sukhumskego Botanicheskogo Sada. (Akademiya Nauk Gruzinskoi S.S.R.) Tiflis.
- Trudý tadzh. s.-kh. Inst.** Trudý Tadjikskogo Sel'sko-Khozyaistvennogo Instituta. Stalinabad.
- Trudý tadzh. uchit. Inst.** Trudý Tadjikskogo Uchitel'skogo Instituta. Samarkand.
- Trudý tashkent. s.-kh. Inst.** Trudý Tashkent'skogo Sel'sko-Khozyaistvennogo Instituta. Tashkent.
- Trudý tom. gosudarst. Univ. Kuibysheva Ser. s.-kh.** Trudý Tom'skogo Gosudarstvennogo Universiteta Kuibysheva, Seriya Sel'sko-Khozyaistvennaya. Tomsk.
- Trudý tom. Inst.** Trudý Tomskogo Instituta. Tomsk.
- Trudý tom. Univ.** Trudý Tomskogo Universiteta. Tomsk.
- Trudý tsentr. chernozem. gos. Zapoved.** Trudý Tsentral'novo-Chernozemnovo Gosudarstvennovo Zapovednika. Moskva.
- Trudý turkmen. s.-kh. Inst.** Trudý Turkmenskogo Sel'sko-Khozyaistvennogo Instituta. Ashkhabad.
- Trudý ukrain. nauch.-issled. Inst. Pochvoved.** Trudý Ukrainskogo Nauchno-Issledovatel'skogo Instituta Pochvovedeniya.
- Trudý ul'yanov. s.-kh. Inst.** Trudý Ul'yanovskogo Sel'sko-Khozyaistvennogo Instituta. Ul'yansk.
- Trudý ural. politekh. Inst.** Trudý Uralskogo Politekhicheskogo Instituta im S.M. Kirova. Sverdlovsk.
- Trudý voronezh. Univ.** Trudý Voronezhskogo Universiteta. Voronezh.
- Trudý 3-i vsesoyuz. Konf. kolloid. Khim.** Trudý 3-i Vsesoyuznoi Konferentsii po Kolloidnoi Khimii.
- Trudý vsesoyuz. nauch.-issled. Inst. Khlopk.** Trudý Vsesoyuznogo Nauchno-Issledovatel'skogo Instituta po Khlopkovdstvy. Tashkent.
- Trudý vsesoyuz. nauch.-issled. Inst. s.-kh. Mikrobiol.** Trudý Vsesoyuznogo Nauchno-Issledovatel'skogo Instituta Sel'sko-Khozyaistvennoi Mikrobiologii. Leningrad.
- Trudý vsesoyuz. nauch.-issled. Inst. zhel.-dorozh. Transp.** Trudý Vsesoyuznogo Nauchno-Issledovatel'skogo Instituta Zheleznodorozhnogo Transporta. Moskva.
- Trudý vsesoyuz. zaochn. lesotekh. Inst.** Trudý Vsesoyuznogo Zaочnogo Lesotekhnicheskogo Instituta. Leningrad.
- Trudý yaroslav. s.-kh. Inst.** Trudý Yaroslavskogo Sel'sko-Khozyaistvennogo Instituta. Yaroslavl.
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- Turk. Republ. hydroelectr. Surv. Dep.** Turkish Republic. General Directorate of Hydroelectric Survey Department. Ankara.
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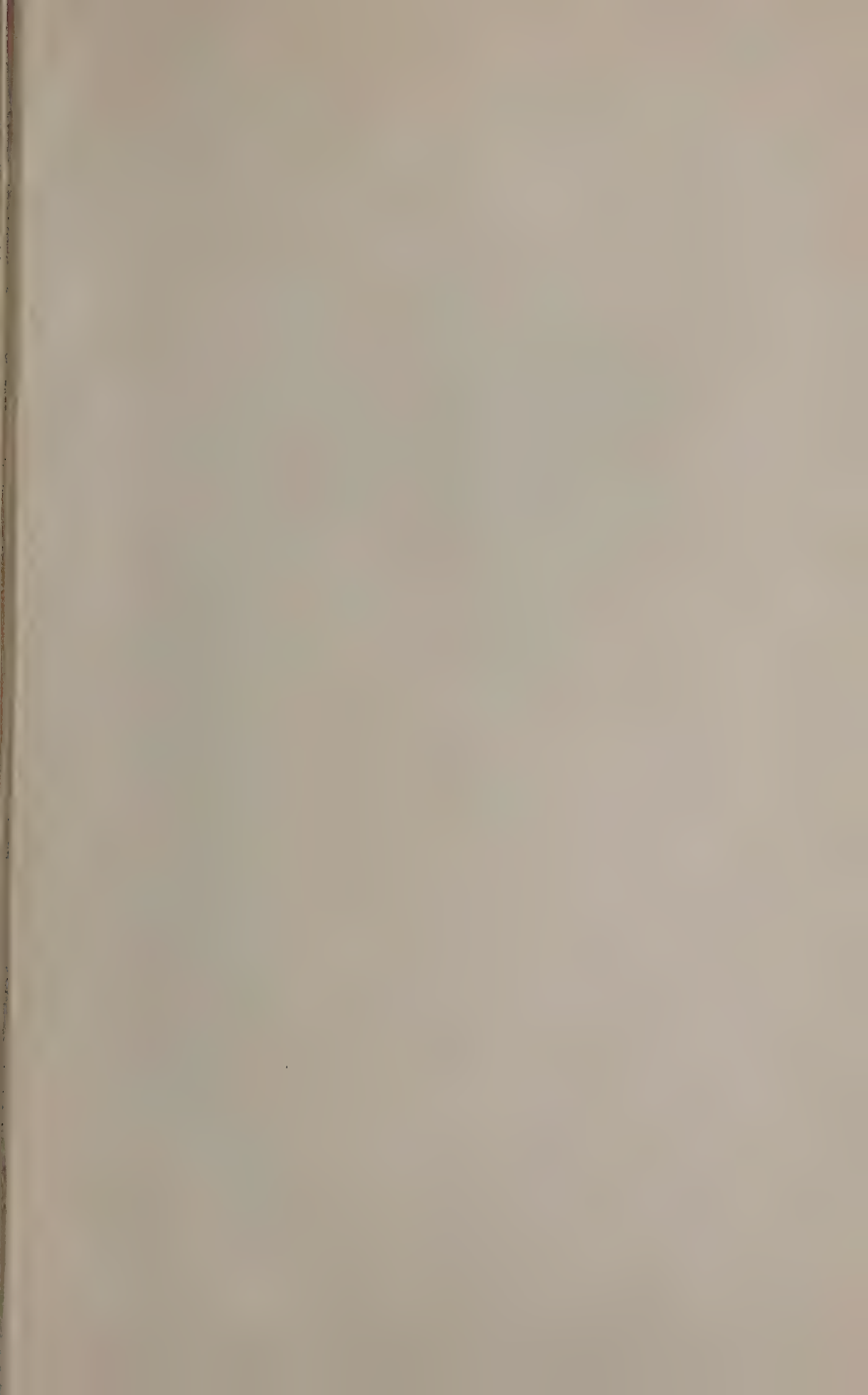
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